National Library of Medicine

ABRIDGED INDEX MEDICUS

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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

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Cumulated Abridged Index Medicus, 1988, Volume 19. A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1988. Contains subject and author section. Price $65.00 ($81.25 foreign), *S/N 017-052-00279-1;* 1987: $47.00 ($58.75 foreign) *S/N 017-052-00272-4;* 1986; $43.00 ($53.75 foreign) *S/N 017-052-00267-8;* 1985: $37.00 ($46.25 foreign) *S/N 017-052-00261-9;* 1984: $30.00 ($37.50 foreign), *S/N 017-052-00252-0.* The 1970 through 1983 editions are out of print.

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NLM Catalog, 1984 edition (microfiche only): This century's first comprehensive compilation of information about virtually all of the catalogued items in the Library's collection. Derived from CATLINE®, the *NLM Catalog* is a name/title and subject listing of citations to approximately 585,000 printed monographs, serials, and audiovisual serials with imprint years of 1984 and earlier. Total fiche (48x): 796. Supplements to this catalog are issued quarterly as a subscription item; see *NLM Catalog Supplement.* See also *NLM Catalog Supplement* December 1986. (Though included with a subscription, the December issue of the *Catalog* supplement will also be sold as a separate item). Price: $65.00 ($81.25 foreign) *S/N 017-052-00256-2.*

NLM Catalog Supplement, December 1988 (microfiche only): Updates the basic 1984 edition. Price: $5.00 ($6.25 foreign) Stock Number; *S/N 717-033-00012-4.* Ceased publication with December 1988 issue.

A Catalog of Seventeenth Century Printed Books in the National Library of Medicine, 1989: Casebound, 1315 pages. Lists of 13,300 books printed from 1601-1700 held by the National Library of Medicine. Price $45.00 ($56.25 foreign), *S/N 017-052-00255-4.*

A Short Title Catalogue of Eighteenth Century Books Printed in the National Library of Medicine, 1979: Casebound, 501 pages, 1979. Lists approximately 25,000 items printed from 1701-1800 which are held in the History of Medicine Division collection of the National Library of Medicine. Price $18.00 ($22.50 foreign).

Bibliography of the History of Medicine, a bibliographic listing of citations dealing with the history of medicine and its related sciences and professions. No. 23, 1987: $14.00 ($17.50 foreign) *S/N 017-052-00275-9;* No. 22, 1986: $12.00 ($15.00 foreign) *S/N 017-052-00273-2;* No. 21, 1985: $18.00 ($22.50 foreign) *S/N 017-052-00263-5;* No. 20, 1980-1984: $30.00 ($37.50 foreign) *S/N 017-052-00257-1;* No. 15, 1975-1979; $22.00 ($27.50 foreign) *S/N 017-052-00216-3;* No. 10, 1970-1974: $24.00 ($30.00 foreign) *S/N 017-052-00171.*

Health Sciences Audiovisuals. Ceased publication December 1988.

National Library of Medicine Classification: A Scheme for the Shelf Arrangement of Books in the Field of Medicine and Its Related Sciences. Fourth Edition (1978) Revised 1981. Price: $16.00 ($20.00 foreign).

S/N 017-052-00222-8

NLM Audiovisuals Catalog (quarterly): Contains subject, name/title, and procurement source sections for audiovisual instructional materials cataloged by NLM. Subscriptions include 3 quarterlies plus annual cumulation (issues on lieu of 4th quarterly). Price (1988): $26.00 ($32.50 foreign).

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A History of the National Library of Medicine: The Nation's Treasury of Medical Knowledge, by Wyndham D. Miles, Ph.D. 1982. A comprehensive, illustrated history of NLM from its beginnings in the early 19th century through its development as an international biomedical information center. Casebound, 531 pages. Price: $14.00 ($17.50 foreign).

S/N 017-052-00224-4

ISSN: 0001-3331

National Library of Medicine

ABRIDGED INDEX MEDICUS

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National Institutes of Health

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A158

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v.
Vol. 1, no. 1 preceded by Pilot issue dated Aug. 1969.
Issues for v. 8, no. 6-7, June-July 1977 have identical contents covering June citations only. A combined issue including the July and Aug. citations was issued Aug. 1977 and called v. 8, no. 7/8 (July/Aug. 1977).
Vols. for Apr. 1972-Apr. 1979 issued as DHEW publication no. (NIH) 72-251, etc; for May 1979- as NIH publication ; no. 79-251, etc.
ISSN 0001-3331 = Abridged Index medicus.

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The Secretary of Health and Human Services has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this Department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through September 30, 1989.

SUBSCRIPTION PRICES

Abridged Index Medicus is sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. One year's subscription includes twelve monthly issues. Price: $50.00 per year; $62.50 foreign. Single copies: $11.00; $13.75 foreign. Airmail rates (foreign only) furnished on request to the Mail List Section, Superintendent of Documents. All other communications regarding subscription should be addressed to the Superintendent of Documents.

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INTRODUCTION TO ABRIDGED INDEX MEDICUS

The *Abridged Index Medicus (AIM)* is designed to afford rapid access to selected biomedical journal literature of immediate interest to the practicing physician.

Each issue contains citations from 118 English-language journals, representing a subset of one month's input into the National Library of Medicine's computer-based MEDLARS® (Medical Literature Analysis and Retrieval System). The selection of the journals was made by the Library with guidance from a group of consultants consisting of physicians, medical editors, and medical librarians. Consideration was given to the quality of the journals, usefulness of journal content for the medical practitioner, and the need for providing coverage of all fields of clinical medicine. In some fields, where there are more high-quality journals than could be included in the bibliography, consideration was given to the availability of the journals to the American practitioner. In limiting the size of *AIM* it was necessary to omit many excellent publications. The list of journals indexed will be reviewed periodically and is subject to change. On those occasions when a physician's interests require a scanning of the literature that is not contained in *AIM*, he may turn to the full *Index Medicus*® and to numerous other bibliographic sources.

Journal issues do not arrive at the National Library of Medicine with perfect regularity, nor is it possible to maintain a precise schedule for indexing. Therefore, a given month's *AIM* may contain citations to articles from more than one issue of a monthly journal, or a journal may not be covered in a given issue of *AIM*.

USING ABRIDGED INDEX MEDICUS

Subject Headings

Input to MEDLARS® begins with the indexing of journal articles. The content of each article is analyzed and described by a group of terms (subject headings) selected from *Medical Subject Headings (MeSH®)*, the National Library of Medicine's authority list of technical terms. The bibliographic citations in *Abridged Index Medicus* appear under those subject headings. An acquaintance with *MeSH* will help the user of *AIM* determine which specific headings to consult.

When articles are indexed, the most specific term available in *MeSH* is used. Thus, if an article is concerned with erythromycin, it would be indexed under that term, rather than the broader ANTIBIOTICS. Under the latter term, one would find only: (a) articles dealing with antibiotics generally, (b) those that deal in a very general way with a large number of named antibodies, or (c) those that deal with specific antibiotics which have not been separately listed in *MeSH*.

The physician who is interested in one concept may find that the broader term is also worth examining for articles of possible interest. Although one may be interested primarily in antifungal antibiotics, articles on the general subject of antifungal agents may be useful.

The physician who wants articles on some aspect of the use of antibiotics in pediatric practice would certainly want not only general articles that would appear under ANTIBIOTICS, but also those concerned with specific antibiotics.

Monthly issues of *Abridged Index Medicus* are arranged in two sections: Subject Section and Author Section.

Subject Section

Each article cited in *AIM* will be found under several subject headings which represent the central concepts of the articles. The citation appears in full under each subject heading. Each citation contains the following elements, in order: title of article; first author; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> Hemophilia A: carrier detection and prenatal diagnosis by DNA analysis. Pecorara M, et al. **Blood** 1987 Aug; 70(2):531-5

The above citation appears under four subject headings:

DNA
HEMOPHILIA
HETEROZYGOTE DETECTION
PRENATAL DIAGNOSIS

In the citations, under each of the subject headings, only the first author's name appears. For names of other authors, refer to the Author Section.

Journal titles are abbreviated; the full title may be found by reference to the abbreviation listing on the next page.

Author Section

References in the Author Section cite authors' names; title of article; journal title abbreviations; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> **Mahir MS, Hynd JW, Flute PT, Dormandy JA.** Effect of defibrinogenation on the early patency rate of experimental small calibre arterial grafts. Br J Surg 1987 Jun;74(6):508-10

An Author Section citation may provide the names of as many as ten authors of an article. If an article has eleven or more authors, this is indicated by "et al" after the tenth author's name. The complete citation is printed only under the first author's name; the second through the tenth authors' names are cross-referenced to the full citation under the first author's name, thus:

> **Kersey, JH, Weisdorf D, Nesbit ME, LeBien TW, Woods WG, McGlave PB, Kim T. Vallera DA, Goldman AI, Bostrom B, et al.** Comparison of autologous and allogeneic bone marrow transplantation for treatment of high-risk refractory acute lymphoblastic leukemia. N Engl J Med 1987 Aug 20;317(8):461-7
>
> **Bostrom B see Kersey JH**
> **Goldman AI see Kersey JH**
> **Kim T see Kersey JH**
> **LeBien TW see Kersey JH**
> **McGlave PB see Kersey JH**
> **Nesbit ME see Kersey JH**
> **Vallera DA see Kersey JH**
> **Weisdorf Dsee Kersey JH**
> **Woods WG see Kersey JH**

Users of *Abridged Index Medicus* are invited to send comments and suggestions to:

Donald A.B. Lindberg, M.D.
Editor-in-Chief, *Index Medicus*
National Library of Medicine
Bethesda, Maryland 20894

LIST OF JOURNALS INDEXED

A

ACADEMIC MEDICINE (PHILADELPHIA PA)
Acad Med

AJR. AMERICAN JOURNAL OF ROENTGENOLOGY (BALTIMORE MD)
AJR Am J Roentgenol

AMERICAN FAMILY PHYSICIAN (KANSAS CITY MO)
Am Fam Physician

AMERICAN HEART JOURNAL (ST LOUIS)
Am Heart J

AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK)
Am J Cardiol

AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)
Am J Clin Nutr

AMERICAN JOURNAL OF CLINICAL PATHOLOGY (PHILADELPHIA PA)
Am J Clin Pathol

AMERICAN JOURNAL OF DISEASES OF CHILDREN (CHICAGO IL)
Am J Dis Child

AMERICAN JOURNAL OF THE MEDICAL SCIENCES (THOROFARE NJ)
Am J Med Sci

AMERICAN JOURNAL OF MEDICINE (NEWTON MA)
Am J Med

AMERICAN JOURNAL OF NURSING (NEW YORK)
Am J Nurs

AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST. LOUIS MO)
Am J Obstet Gynecol

AMERICAN JOURNAL OF OPHTHALMOLOGY (CHICAGO IL)
Am J Ophthalmol

AMERICAN JOURNAL OF PATHOLOGY (PHILADELPHIA PA)
Am J Pathol

AMERICAN JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION (BALTIMORE MD)
Am J Phys Med Rehabil

AMERICAN JOURNAL OF PSYCHIATRY (WASHINGTON DC)
Am J Psychiatry

AMERICAN JOURNAL OF PUBLIC HEALTH (WASHINGTON DC)
Am J Public Health

AMERICAN JOURNAL OF SURGERY (NEWTON MA)
Am J Surg

AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE (LAWRENCE KS)
Am J Trop Med Hyg

AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK)
Am Rev Respir Dis

ANAESTHESIA (LONDON)
Anaesthesia

ANESTHESIA AND ANALGESIA (NEW YORK)
Anesth Analg

ANESTHESIOLOGY (PHILADELPHIA PA)
Anesthesiology

ANNALS OF EMERGENCY MEDICINE (DALLAS TX)
Ann Emerg Med

ANNALS OF INTERNAL MEDICINE (PHILADELPHIA PA)
Ann Intern Med

ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY (ST LOUIS)
Ann Otol Rhinol Laryngol

ANNALS OF SURGERY (PHILADELPHIA PA)
Ann Surg

ANNALS OF THORACIC SURGERY (NEW YORK)
Ann Thorac Surg

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ARCHIVES OF DISEASE IN CHILDHOOD (LONDON)
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ARCHIVES OF GENERAL PSYCHIATRY (CHICAGO IL)
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Arch Otolaryngol Head Neck Surg

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Arch Pathol Lab Med

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO IL)
Arch Phys Med Rehabil

ARCHIVES OF SURGERY (CHICAGO IL)
Arch Surg

ARTHRITIS AND RHEUMATISM (ATLANTA GA)
Arthritis Rheum

B

BLOOD (NEW YORK)
Blood

BMJ (LONDON)
BMJ

BRAIN (OXFORD)
Brain

BRITISH HEART JOURNAL (LONDON)
Br Heart J

BRITISH JOURNAL OF OBSTETRICS AND GYNAECOLOGY (OXFORD)
Br J Obstet Gynaecol

BRITISH JOURNAL OF RADIOLOGY (LONDON)
Br J Radiol

BRITISH JOURNAL OF RHEUMATOLOGY (LONDON)
Br J Rheumatol

BRITISH JOURNAL OF SURGERY (LONDON)
Br J Surg

BRITISH MEDICAL JOURNAL [CLINICAL RESEARCH ED.] (LONDON)
Br Med J [Clin Res]

C

CA: A CANCER JOURNAL FOR CLINICIANS (NEW YORK)
CA

CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)
Can Med Assoc J

CANCER (PHILADELPHIA PA)
Cancer

CHEST (PARK RIDGE IL)
Chest

CIRCULATION (DALLAS TX)
Circulation

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Dig Dis Sci

DISEASE-A-MONTH (CHICAGO IL)
Dis Mon

E

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Endocrinology

G

GASTROENTEROLOGY (NEW YORK)
Gastroenterology

GERIATRICS (MIDDLEBURG OH)
Geriatrics

GUT (LONDON)
Gut

H

HEART AND LUNG (ST LOUIS)
Heart Lung

HOSPITAL PRACTICE (OFFICE EDITION) (NEW YORK)
Hosp Pract [Off]

HOSPITALS (CHICAGO IL)
Hospitals

J

JAMA (CHICAGO IL)
JAMA

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY (ST LOUIS)
J Allergy Clin Immunol

JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY (NEW YORK)
J Am Coll Cardiol

JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION (CHICAGO IL)
J Am Diet Assoc

JOURNAL OF BONE AND JOINT SURGERY. AMERICAN VOLUME (BOSTON MA)
J Bone Joint Surg [Am]

JOURNAL OF BONE AND JOINT SURGERY. BRITISH VOLUME (LONDON)
J Bone Joint Surg [Br]

JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM (BALTIMORE MD)
J Clin Endocrinol Metab

JOURNAL OF CLINICAL INVESTIGATION (NEW YORK)
J Clin Invest

JOURNAL OF CLINICAL PATHOLOGY (LONDON)
J Clin Pathol

JOURNAL OF FAMILY PRACTICE (EAST NORWALK CT)
J Fam Pract

JOURNAL OF GERONTOLOGY (WASHINGTON DC)
J Gerontol

JOURNAL OF IMMUNOLOGY (BALTIMORE MD)
J Immunol

JOURNAL OF INFECTIOUS DISEASES (CHICAGO IL)
J Infect Dis

JOURNAL OF LABORATORY AND CLINICAL MEDICINE (ST LOUIS)
J Lab Clin Med

JOURNAL OF LARYNGOLOGY AND OTOLOGY (LONDON)
J Laryngol Otol

JOURNAL OF MEDICAL EDUCATION (WASHINGTON DC)
J Med Educ

JOURNAL OF NERVOUS AND MENTAL DISEASE (BALTIMORE MD)
J Nerv Ment Dis

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J Neurosurg

JOURNAL OF NURSING ADMINISTRATION (WAKEFIELD MA)
J Nurs Adm

JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY (PHILADELPHIA PA)
J Oral Maxillofac Surg

JOURNAL OF PEDIATRICS (ST LOUIS)
J Pediatr

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J Trauma

JOURNAL OF UROLOGY (BALTIMORE MD)
J Urol

L

LANCET (LONDON)
Lancet

M

MAYO CLINIC PROCEEDINGS (ROCHESTER MN)
Mayo Clin Proc

MEDICAL CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Med Clin North Am

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Med Lett Drugs Ther

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N

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NURSING RESEARCH (NEW YORK)
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O

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P

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Public Health Rep

R

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Radiol Clin North Am

RADIOLOGY (EASTON PA)
Radiology

S

SOUTHERN MEDICAL JOURNAL (BIRMINGHAM AL)
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Surgery

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West J Med

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Current Bibliographies in Medicine (CBM)

Each bibliography in this series covers a distinct subject area of interest to biomedicine and is intended to fulfill a current awareness function. Included as part of this series are all bibliographies prepared in support of National Institutes of Health Consensus Development Conferences (indicated by an asterisk on the list below). Beginning with 1989, this series absorbs another NLM title, the *Specialized Bibliography Series*. CBM is available on either a subscription ($47.00) or individual title ($2.50) basis from the *Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. GPO Phone Orders: 202-783-3238.*

CBM No.	Title
89-1 *	Therapeutic endoscopy and bleeding ulcers. January 1980 through December 1988. 491 citations. [S/N 817-005-00001-2]
89-2	History of neurosurgery. January 1970 through December 1988. 402 citatons. [S/N 817-005-00002-1]
89-3	Laboratory animal welfare. October 1987 through November 1988. 86 citations. [S/N 817-005-00003-9]
89-4*	Oral complications of cancer therapies. January 1980 through February 1989. 288 citations. [S/N 817-005-00004-7]
89-5*	Modeling in biomedical research: Applications to studies in cardiovascular/pulmonary function and diabetes. January 1986 through March 1989. 830 citations. [S/N 817-005-00005-5]
89-6*	Sunlight, ultraviolet radiation, and the skin. January 1984 through Apirl 1989. 521 citations. [S/N 817-005-00006-3]
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1988-2	Physical fitness & sports medicine. June 1988. 1,406 citations.
1988-3	CD-ROM. September 1988. 371 citations.

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Posttraumatic autotransplantation of spleen tissue. Mizrahi S, et al. **Arch Surg** 1989 Jul;124(7):863–5

The role of intra-aortic balloon occlusion in penetrating abdominal trauma. Gupta BK, et al. **J Trauma** 1989 Jun; 29(6):861–5

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CHILD syndrome. Phenotypic dichotomy in eicosanoid metabolism and proliferative rates among cultured dermal fibroblasts. Goldyne ME, et al. **J Clin Invest** 1989 Jul; 84(1):357–60

Fontan operation in a case of single functional pulmonary artery [letter] Sade RM, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):153–4

Anomalous origin of the left coronary artery from the pulmonary trunk. Anatomic findings in relation to pathophysiology and surgical repair. Smith A, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):16–24

Atresia of the coronary sinus orifice. Fatal outcome after intraoperative division of the drainage left superior vena cava. Yokota M, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):30–2

Selected midline defect associations: a population study. Khoury MJ, et al. **Pediatrics** 1989 Aug;84(2):266–72

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ABSCESS

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Role of anaerobic bacteria in intra-abdominal septic abscesses in mediating septic control of skeletal muscle glucose oxidation and lactic acidemia. Vary TC, et al. **J Trauma** 1989 Jul;29(7):1003–13; discussion 1013–4

Transvaginal oocyte aspiration and pelvic infection [letter] Børlum KG, et al. **Lancet** 1989 Jul 1;2(8653):53

Nocardial spinal epidural abscess. Siao P, et al. **Neurology** 1989 Jul;39(7):996

Aerobic and anaerobic microbiology of Bartholin's abscess. Brook I. **Surg Gynecol Obstet** 1989 Jul;169(1):32–4

ACADEMIC MEDICAL CENTERS

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Medical centers and marketing: making it work. Cottillion JG. **Hospitals** 1989 Jul 5;63(13):88

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Academic boycott of South Africa [letter] Nelson GS. **Lancet** 1989 Jul 1;2(8653):50

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ACCIDENT PREVENTION

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Deaths, injuries, and evacuations from acute hazardous materials releases. Binder S. **Am J Public Health** 1989 Aug; 79(8):1042–4

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Serum cholesterol and risk of accidental or violent death in a 25-year follow-up. The Finnish cohorts of the Seven Countries Study. Pekkanen J, et al. **Arch Intern Med** 1989 Jul;149(7):1589–91

Predictors of falls among elderly people. Results of two population-based studies. Robbins AS, et al. **Arch Intern Med** 1989 Jul;149(7):1628–33

Risk factors for falls in a community-based prospective study of people 70 years and older. Campbell AJ, et al. **J Gerontol** 1989 Jul;44(4):M112–7

Bone marrow transplantation after the Chernobyl nuclear accident [see comment] Baranov A, et al. **N Engl J Med** 1989 Jul 27;321(4):205–12. **Comment on:** N Engl J Med 1989 Jul 27;321(4):254–5

Chernobyl: learning from experience [editorial; comment] Cassel CK, et al. **N Engl J Med** 1989 Jul 27;321(4):254–5 . **Comment on:** N Engl J Med 1989 Jul 27;321(4): 205–12

ACCIDENTS, OCCUPATIONAL

Exploding ammunition [letter] Abidin MR. **J Trauma** 1989 Jun;29(6):895

Mucocutaneous injuries at a university teaching hospital. McCurdy SA, et al. **West J Med** 1989 May;150(5):604–8

ACCIDENTS, TRAFFIC

A case-control study of pedestrian and bicyclist injuries in childhood. Pless IB, et al. **Am J Public Health** 1989 Aug; 79(8):995–8

Neurologic eye signs following motorcycle accidents. Keane JR. **Arch Neurol** 1989 Jul;46(7):761–2

Patterns of maxillofacial injuries in restrained and unrestrained motor vehicle crash victims. Reath DB, et al. **J Trauma** 1989 Jun;29(6):806–9; discussion 809–10

A profile of urban adult pedestrian trauma. Vestrup JA, et al. **J Trauma** 1989 Jun;29(6):741–5

Surgeon general's final target: drunk driving [news] Marwick C. **JAMA** 1989 Jul 14;262(2):181

Left-sided perinephric hematoma associated with rupture of the left hemidiaphragm: a marker for renal artery injury. Peitzman AB, et al. **Surgery** 1989 Jul;106(1):33–6

ACCREDITATION

Laboratory accreditation and audit in pathology. London, February 7, 1989. Abstracts. **J Clin Pathol** 1989 Jun; 42(6):561–6

ACENOCOUMAROL

The interaction of the prostaglandin E derivative rioprostil with oral anticoagulant agents. Thijssen HH, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):110–6

ACETABULUM

Thompson hemiarthroplasty and acetabular erosion. Phillips TW. **J Bone Joint Surg [Am]** 1989 Jul;71(6):913–7

ACETALDEHYDE

Acetaldehyde substoichiometrically inhibits bovine neurotubulin polymerization. Smith SL, et al. **J Clin Invest** 1989 Jul;84(1):337–41

ACETAMINOPHEN

Ibuprofen, acetaminophen, and placebo treatment of febrile children. Walson PD, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):9–17

Estimation of phenolic conjugation by colonic mucosa. Ramakrishna BS, et al. **J Clin Pathol** 1989 Jun;42(6):620–3

Acute acetaminophen overdose during pregnancy. Riggs BS, et al. **Obstet Gynecol** 1989 Aug;74(2):247–53

ACETAZOLAMIDE

Responses to hypercarbia induced by acetazolamide in panic disorder patients. Mathew RJ, et al. **Am J Psychiatry** 1989 Aug;146(8):996–1000

ACHIEVEMENT

Bipolar affective disorder and high achievement: a familial association. Coryell W, et al. **Am J Psychiatry** 1989 Aug; 146(8):983–8

ACHILLES TENDON

Topical anesthetics: effects on the Achilles tendon and

H-reflexes. I. Able-bodied subjects. Wolf SL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):531-6
Mobilisation after Achilles tendon rupture [letter] Roberts P, et al. **Lancet** 1989 Jul 22;2(8656):224

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Foramen magnum decompression for homozygous achondroplasia [letter] Hecht JT, et al. **J Neurosurg** 1989 Aug;71(2):300-1
Hydrocephalus in achondroplasia: the possible role of intracranial venous hypertension. Steinbok P, et al. **J Neurosurg** 1989 Jul;71(1):42-8

ACID-BASE EQUILIBRIUM

Acid-base status at birth and neurodevelopmental outcome at four and one-half years. Dennis J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):213-20
Umbilical artery acid-base status in the preterm infant. Ramin SM, et al. **Obstet Gynecol** 1989 Aug;74(2):256-8

ACIDOSIS

Effects of acute metabolic acidosis and alkalosis on leucine metabolism in conscious dogs. Rodriguez NR, et al. **Diabetes** 1989 Jul;38(7):847-53

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Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. Haller RG, et al. **J Clin Invest** 1989 Jul;84(1):155-61

ACNE

Acne in an irradiated area [letter] Adriaans B, et al. **Arch Dermatol** 1989 Jul;125(7):1005
Prior x-ray therapy for acne related to tumors of the parotid gland. Preston-Martin S. **Arch Dermatol** 1989 Jul; 125(7):921-4

ACOUSTIC IMPEDANCE TESTS

Pediatricians and the pneumatic otoscope: are we playing it by ear? Cavanaugh RM Jr. **Pediatrics** 1989 Aug; 84(2):362-4

ACQUIRED IMMUNODEFICIENCY SYNDROME

Physician attitudes toward the "laying on of hands" during the AIDS epidemic. Linn LS, et al. **Acad Med** 1989 Jul; 64(7):408-9
ACET issues report on tuberculosis and HIV infection. Advisory Committee for Elimination of Tuberculosis. **Am Fam Physician** 1989 Jul;40(1):268-70
AIDS clinical trials information service [news] **Am Fam Physician** 1989 Jul;40(1):280
How to assess the risk of HIV exposure. Jewell ME, et al. **Am Fam Physician** 1989 Jul;40(1):153-61
Transvenous biopsy diagnosis of cardiac lymphoma in an AIDS patient. Andress JD, et al. **Am Heart J** 1989 Aug; 118(2):421-3
Prognostic factors and life expectancy in children with acquired immunodeficiency syndrome and Pneumocystis carinii pneumonia. Bernstein LJ, et al. **Am J Dis Child** 1989 Jul;143(7):775-8
Elevated serum levels of tumor necrosis factor are associated with progressive encephalopathy in children with acquired immunodeficiency syndrome. Mintz M, et al. **Am J Dis Child** 1989 Jul;143(7):771-4
Pyomyositis in a child with acquired immunodeficiency syndrome. Patient report and brief review. Raphael SA, et al. **Am J Dis Child** 1989 Jul;143(7):779-81
Pneumothorax in pleuropulmonary Kaposi's sarcoma related to acquired immunodeficiency syndrome. Floris C, et al. **Am J Med** 1989 Jul;87(1):123-4
Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876-80
1988—a landmark year for state AIDS legislation. **Am J Public Health** 1989 Aug;79(8):1005
AIDS triggers increase in state worker notification laws. **Am J Public Health** 1989 Aug;79(8):974
The pathology and treatment of interstitial pneumonitis in two infants with AIDS. Kornstein MJ, et al. **Am Rev Respir Dis** 1986 Jun;133(6):1196-8
Visceral leishmaniasis in patients infected with human immunodeficiency virus (HIV). Berenguer J, et al. **Ann Intern Med** 1989 Jul 15;111(2):129-32
Rheumatologic manifestations of infection with human immunodeficiency virus (HIV). Kaye BR. **Ann Intern Med** 1989 Jul 15;111(2):158-67 (128 ref.)
Human immunodeficiency virus infection in health care workers. A method for estimating individual occupational risk. Hagen MD, et al. **Arch Intern Med** 1989 Jul; 149(7):1541-4
Treatable causes of meningomyeloradiculitis in individuals infected with human immunodeficiency virus [letter] Lanska DJ, et al. **Arch Neurol** 1989 Jul;46(7):722-3
Varicella-zoster retinitis in human immunodeficiency virus infection. Case report. Chambers RB, et al. **Arch Ophthalmol** 1989 Jul;107(7):960-1
Ocular manifestations in pediatric patients with acquired immunodeficiency syndrome. Dennehy PJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):978-82 (30 ref.)
An investigative journalist looks at medical ethics. Campbell D. **BMJ** 1989 Apr 29;298(6681):1171-2
Mineralocorticoid deficiency in HIV infection [letter] Murphy CE, et al. **BMJ** 1989 Apr 29;298(6681):1181
Doctors, unethical treatments, and turning a blind eye [editorial] Smith R. **BMJ** 1989 Apr 29;298(6681):1125-6
After Montreal, international AIDS conferences will never be the same. Hale J. **Can Med Assoc J** 1989 Jul 15; 141(2):144-6
HIV-associated bronchiolitis obliterans organizing pneumonia. Allen JN, et al. **Chest** 1989 Jul;96(1):197-8
Sarcoidosis diagnosed in a patient with known HIV infection. Coots LE, et al. **Chest** 1989 Jul;96(1):201-2
Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Linnemann CC Jr, et al. **Chest** 1989 Jul;96(1):64-7
Endobronchial Mycobacterium avium-intracellulare infection in a patient with AIDS. Mehle ME, et al. **Chest** 1989 Jul;96(1):199-201
Geriatric AIDS is a growing concern [editorial] Butler RN. **Geriatrics** 1989 Jul;44(7):21
AIDS in the elderly: a case and its implications. Fillit H, et al. **Geriatrics** 1989 Jul;44(7):65-8, 70
Conversation with ... Philip G. Weiler, MD: why AIDS is becoming a geriatric problem [interview by R. L. Peck] Weiler PG. **Geriatrics** 1989 Jul;44(7):81-2
AIDS laws—impractical solutions to practical problems [editorial] Aledort LM, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):11-3
RDs work together on AIDS recommendations [letter] Scalzo G. **J Am Diet Assoc** 1989 Jul;89(7):909
Nonhealing ulceration of oral mucosa. Dodson TB, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):849-52
From the Centers for Disease Control. Update: heterosexual transmission of acquired immunodeficiency syndrome and human immunodeficiency virus infection—United States. **JAMA** 1989 Jul 28;262(4):463, 467, 471
From the Centers for Disease Control. Guidelines for prophylaxis against Pneumocystis carinii pneumonia for persons infected with human immunodeficiency virus. **JAMA** 1989 Jul 21;262(3):335-9
The 1987 US hospital AIDS survey. Andrulis DP, et al. **JAMA** 1989 Aug 11;262(6):784-94
Seasoned AIDS warriors extend arms to rookies in the battle against HIV disease [news] Goldsmith MF. **JAMA** 1989 Jul 21;262(3):326-7
AIDS drug development, availability intensify [news] Goldsmith MF. **JAMA** 1989 Jul 28;262(4):452-3
The influence of HIV infection on antibody responses to a two-dose regimen of influenza vaccine. Miotti PG, et al. **JAMA** 1989 Aug 11;262(6):779-83
Lithium for zidovudine-induced neutropenia in AIDS [letter] Nathwani D, et al. **JAMA** 1989 Aug 11;262(6):775-6
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The isolation of HIV-positive patients [letter] Smith DA, et al. **JAMA** 1989 Jul 14;262(2):208-9
HIV infection, hepatitis, and syphilis in Spanish prisons [letter] Acedo A, et al. **Lancet** 1989 Jul 22;2(8656):226
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Sputum induction for diagnosis of Pneumocystis carinii pneumonia. Leigh TR, et al. **Lancet** 1989 Jul 22; 2(8656):205-6
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HIV-1 infection in males and females in Central Africa [letter] Trebucq A, et al. **Lancet** 1989 Jul 22;2(8656):225-6
Reactivation of hepatitis B in AIDS [letter] Vento S, et al. **Lancet** 1989 Jul 8;2(8654):108-9
Cytomegalovirus infection and progression towards AIDS in haemophiliacs with human immunodeficiency virus infection. Webster A, et al. **Lancet** 1989 Jul 8;2(8654):63-6
Gangrenous stomatitis in AIDS [letter] Winkler JR, et al. **Lancet** 1989 Jul 8;2(8654):108
HIV and HTLV-I infections in the Americas: a regional perspective. Quinn TC, et al. **Medicine (Baltimore)** 1989 Jul;68(4):189-209 (257 ref.)
Case 9-1989: AIDS and a cavitary pulmonary lesion [letter] **N Engl J Med** 1989 Aug 10;321(6):395
Dissociation of AIDS-related vacuolar myelopathy and productive HIV-1 infection of the spinal cord. Rosenblum M, et al. **Neurology** 1989 Jul;39(7):892-6
AIDS and traditional health beliefs and practices of black women. Flaskerud JH, et al. **Nurs Res** 1989 Jul-Aug; 38(4):210-5
Acquired immunodeficiency syndrome and adolescents: knowledge, attitudes, beliefs, and behaviors in a New York City adolescent minority population. Goodman E, et al. **Pediatrics** 1989 Jul;84(1):36-42
Needle injuries among pediatric housestaff physicians in New York City. Melzer SM, et al. **Pediatrics** 1989 Aug; 84(2):211-4
Thrombocytopenia and pediatric patients with AIDS [letter] Weinblatt M. **Pediatrics** 1989 Aug;84(2):401-2
Zidovudine for treating AIDS. What physicians need to know. Amin NM. **Postgrad Med** 1989 Jul;86(1):195-6, 201-8 (7 ref.)
AIDS dementia complex. Characteristics of a unique aspect of HIV infection. Weisberg LA, et al. **Postgrad Med** 1989 Jul;86(1):213-20 (12 ref.)
Would you eat cookies prepared by an AIDS patient? Survey reveals harmful attitudes among professionals. Wormser GP, et al. **Postgrad Med** 1989 Jul;86(1):174-5, 178, 181-3 passim
Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome: diagnosis using minilavage samples. Yoo OH, et al. **South Med J** 1989 Jul;82(7):829-32
Tuberculosis and HIV infection—new opportunities for an old pathogen [editorial] Chaisson RE. **West J Med** 1989 Jun;150(6):687-9
Tuberculosis in patients with human immunodeficiency virus infection. Review of current concepts. Theuer CP. **West J Med** 1989 Jun;150(6):700-4 (22 ref.)

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Broncholithiasis due to Histoplasma capsulatum subsequently infected by actinomycetes. Hirschfield LS, et al. **Chest** 1989 Jul;96(1):218-9

ACTIVITIES OF DAILY LIVING

Independent dressing after spinal cord injury: a functional time evaluation. Weingarden SI, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):518-9
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A new scale for the assessment of functional status in Alzheimer's disease and related disorders. Loewenstein DA, et al. **J Gerontol** 1989 Jul;44(4):P114-21

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Comparison of real and placebo acupuncture in histamine-induced asthma. A double-blind crossover study. Tandon MK, et al. **Chest** 1989 Jul;96(1):102-5
Comparison of effects of transcutaneous electrical nerve stimulation of auricular, somatic, and the combination of auricular and somatic acupuncture points on experimental pain threshold. Lein DH Jr, et al. **Phys Ther** 1989 Aug; 69(8):671-8

ACUTE PHASE PROTEINS

Estimating mortality risk in preoperative patients using immunologic, nutritional, and acute-phase response variables. Christou NV, et al. **Ann Surg** 1989 Jul; 210(1):69-77
Hepatocyte-stimulating factor III shares structural and functional identity with leukemia-inhibitory factor. Baumann H, et al. **J Immunol** 1989 Aug 15;143(4):1163-7

ACYCLOVIR

Oral acyclovir and neurotoxicity [letter] Swan SK, et al. **Ann Intern Med** 1989 Jul 15;111(2):188
From the Food and Drug Administration. Nightingale SC. **JAMA** 1989 Aug 11;262(6):740
Acyclovir treatment of the chronic fatigue syndrome [letter] **N Engl J Med** 1989 Jul 20;321(3):187-9

ACYLTRANSFERASES

An unusual case of carnitine palmitoyl transferase deficiency. Galdi AP, et al. **Arch Neurol** 1989 Jul;46(7):819-20
Fatal rhabdomyolysis following influenza infection in a girl with familial carnitine palmityl transferase deficiency. Kelly KJ, et al. **Pediatrics** 1989 Aug;84(2):312-6

ADAPTATION, PSYCHOLOGICAL

Child abduction. Parent and child functioning following return. Forehand R, et al. **Clin Pediatr (Phila)** 1989 Jul; 28(7):311-6
Personal adjustments and regimen compliance 1 year after myocardial infarction. Miller P, et al. **Heart Lung** 1989 Jul; 18(4):339-46
Small penis and the male sexual role. Reilly JM, et al. **J Urol** 1989 Aug;142(2 Pt 2):569-71; discussion 572
Analysis of the Jalowiec Scale with cardiac patients' spouses. Wikoff RL, et al. **Nurs Res** 1989 Jul-Aug;38(4):221-2
Family functioning, temperament, and psychologic adaptation in children with congenital or acquired limb deficiencies. Varni JW, et al. **Pediatrics** 1989 Aug; 84(2):323-30

ADENINE

2,8-Dihydroxyadenine urolithiasis: report of a case in a woman in the United States. Lamontagne AE Jr. **J Urol** 1989 Aug;142(2):369-70

ADENINE NUCLEOTIDES

Decreased erythrocyte phosphoribosylpyrophosphate synthetase activity and impaired formation in thalassemia minor: a mechanism for decreased adenine nucleotide content. Zerez CR, et al. **J Lab Clin Med** 1989 Jul; 114(1):43-50

ADENOCARCINOMA

Polymorphous low-grade adenocarcinoma of seromucous glands of the nasopharynx. A report of a case and a discussion of the morphologic and immunohistochemical features. Wenig BM, et al. **Am J Clin Pathol** 1989 Jul; 92(1):104-9 (15 ref.)

Local recurrence after sphincter-saving resection for rectal adenocarcinoma. Warneke J, et al. **Am J Surg** 1989 Jul; 158(1):3-5

Peritoneal carcinomatosis of unknown primary site in women. A distinctive subset of adenocarcinoma. Strnad CM, et al. **Ann Intern Med** 1989 Aug 1;111(3):213-7

Detection of metastatic breast carcinoma with monoclonal antibodies to cytokeratins. Sedmak DD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):786-9

cis-platinum, a treatment for refractory rheumatoid arthritis? [letter] Sanchez-Burson J, et al. **Br J Rheumatol** 1989 Aug; 28(4):358

Blood transfusion in colorectal cancer. Crowson MC, et al. **Br J Surg** 1989 May;76(5):522-3

Endoscopic endoprosthesis insertion following failure of cholecystojejunostomy in pancreatic carcinoma. Dowsett JF, et al. **Br J Surg** 1989 May;76(5):454-6

Gallbladder carcinoma: role of radiation therapy. Houry S, et al. **Br J Surg** 1989 May;76(5):448-50

Ovarian metastases of breast carcinoma. A clinicopathologic study of 59 cases. Gagnon Y, et al. **Cancer** 1989 Aug 15; 64(4):892-8

The increasing frequency of adenocarcinoma of the esophagus. Hesketh PJ, et al. **Cancer** 1989 Jul 15; 64(2):526-30

Establishment and characterization of cell line SFCC from clear cell adenocarcinoma of the uterine cervix. Ochiai A, et al. **Cancer** 1989 Aug 15;64(4):854-9

Prevention of prostate cancer and liver tumors in L-W rats by moderate dietary restriction. Pollard M, et al. **Cancer** 1989 Aug 1;64(3):686-90

Regional chemotherapy for hepatic metastases of colorectal carcinoma (continuous intraarterial versus continuous intraarterial/intravenous therapy). Results of a controlled clinical trial. Safi F, et al. **Cancer** 1989 Jul 15;64(2):379-87

Mitomycin C adjuvant chemotherapy after Wertheim's hysterectomy for stage IB cervical cancer. Sivanesaratnam V, et al. **Cancer** 1989 Aug 15;64(4):798-800

Response of eccrine adenocarcinoma to tamoxifen. Sridhar KS, et al. **Cancer** 1989 Jul 15;64(2):366-70

Cisplatin, 5-fluorouracil, mitomycin C, and concurrent radiation therapy with and without esophagectomy for esophageal carcinoma. Stewart FM, et al. **Cancer** 1989 Aug 1;64(3):622-8

Adenocarcinoma of the rete testis with a spindle cell component. A possible metaplastic carcinoma. Visscher DW, et al. **Cancer** 1989 Aug 1;64(3):770-5

Poorly differentiated and undifferentiated lung tumors. Mackay B. **Chest** 1989 Jul;96(1 Suppl):38S-39S

Factors possibly affecting the degree of malignancy in adenocarcinoma of the lung. DNA content and bromodeoxyuridine (BrdU) labeling index. Shimosato Y, et al. **Chest** 1989 Jul;96(1 Suppl):37S-38S

Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S-31S (13 ref.)

Hilar cholangiocarcinoma associated with clonorchiasis. Sher L, et al. **Dig Dis Sci** 1989 Jul;34(7):1121-3

Stimulation of human prostatic carcinoma cell growth by factors present in human bone marrow. Chackal-Roy M, et al. **J Clin Invest** 1989 Jul;84(1):43-50

Pituitary gland metastasis from adenocarcinoma of the prostate. Case report. Couldwell WT, et al. **J Neurosurg** 1989 Jul;71(1):138-40 (14 ref.)

Neodymium:yttrium-aluminum-garnet laser vaporization for palliation of obstructing esophageal carcinoma. Moon BC, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):11-4; discussion 14-5

The role of surgical management for symptomatic spinal cord compression in patients with metastatic prostate cancer. Shoskes DA, et al. **J Urol** 1989 Aug;142(2):337-9

Adverse effect of tamoxifen with LHRH agonist on oestrogen-receptor-negative mammary carcinoma [letter] Szende B, et al. **Lancet** 1989 Jul 22;2(8656):222-3

Prognostic significance of positive peritoneal cytology in clinical stage I adenocarcinoma of the endometrium. Lurain JR, et al. **Obstet Gynecol** 1989 Aug;74(2):175-9

ADENOMA

Apoplexy of a pituitary adenoma after dynamic testing with gonadotropin-releasing hormone. Arafah BM, et al. **Am J Med** 1989 Jul;87(1):103-5

Chromosome studies in thyroid neoplasia. Bondeson L, et al. **Cancer** 1989 Aug 1;64(3):680-5

Relationship of cytogenetic subtypes of salivary gland pleomorphic adenomas with patient age and histologic type. Bullerdiek J, et al. **Cancer** 1989 Aug 15;64(4):876-80

Pleomorphic adenoma of the external auditory canal. An immunohistochemical and ultrastructural study. Collins RJ, et al. **Cancer** 1989 Aug 15;64(4):870-5 (20 ref.)

Differential expression of the Lewis Y antigen defined by monoclonal antibody C14/1/46/10 in colonic polyps. Waldock A, et al. **Cancer** 1989 Jul 15;64(2):414-21

Endoscopic laser treatment for rectosigmoid villous adenoma: factors affecting the results. Brunetaud JM, et al. **Gastroenterology** 1989 Aug;97(2):272-7

Persistent trigeminal artery and pituitary adenoma [letter] Salcman M. **J Neurosurg** 1989 Aug;71(2):301-2

Clonality of parathyroid tumors in familial multiple endocrine neoplasia type I. Friedman E, et al. **N Engl J Med** 1989 Jul 27;321(4):213-8

Hyperthyroidism without elevated levels of thyroxine and triiodothyronine in a patient with pulmonary tuberculosis. Archambeaud-Mouveroux F, et al. **South Med J** 1989 Jul; 82(7):907-10

Villous tumors of the ampulla of Vater: local resection versus pancreatoduodenectomy. Gray G, et al. **South Med J** 1989 Jul;82(7):917-20 (12 ref.)

Transsphenoidal pituitary surgery in the treatment of patients with Cushing's disease. Freidberg SR. **Urol Clin North Am** 1989 Aug;16(3):589-95 (51 ref.)

ADENOSINE

Role of endogenous adenosine in postdefibrillation bradyarrhythmia and hemodynamic depression. Wesley RC Jr, et al. **Circulation** 1989 Jul;80(1):128-37

Adenosine regulates the respiratory burst of cytokine-triggered human neutrophils adherent to biologic surfaces. de la Harpe J, et al. **J Immunol** 1989 Jul 15; 143(2):596-602

The cardiac effects of adenosine. Belardinelli L, et al. **Prog Cardiovasc Dis** 1989 Jul-Aug;32(1):73-97 (249 ref.)

ADENOSINE CYCLIC MONOPHOSPHATE

Effect of rise in cAMP levels on Ca2+ influx through voltage-dependent Ca2+ channels in HIT cells. Second-messenger synarchy in beta-cells. Rajan AS, et al. **Diabetes** 1989 Jul;38(7):874-80

Inhibitory effects of interleukin-1 on luteinizing hormone-stimulated adenosine 3',5'-monophosphate accumulation by cultured porcine granulosa cells. Fukuoka M, et al. **Endocrinology** 1989 Jul;125(1):136-43

Angiotensin II stimulates early proximal bicarbonate absorption in the rat by decreasing cyclic adenosine monophosphate. Liu FY, et al. **J Clin Invest** 1989 Jul; 84(1):83-91

ADENOSINE DIPHOSPHATE

Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. Olson JD, et al. **J Lab Clin Med** 1989 Jul; 114(1):6-18

ADENOSINE TRIPHOSPHATASE

Decreased adenosine triphosphatase activity in the absence of adrenocorticosteroids. Rarey KE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):817-21

ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM

Expression of multiple Na+,K+-adenosine triphosphatase isoform genes in human hematopoietic cells. Behavior of the novel A3 isoform during induced maturation of HL60 cells. Gilmore-Hebert M, et al. **J Clin Invest** 1989 Jul; 84(1):347-51

Active proton secretion and potassium absorption in the rabbit outer medullary collecting duct. Functional evidence for proton-potassium-activated adenosine triphosphatase. Wingo CS. **J Clin Invest** 1989 Jul;84(1):361-5

ADENOSINE TRIPHOSPHATE

Extracellular adenosine triphosphate completely reverses the thyrotropin-induced morphological change in FRTL-5 cells. Nazarea M, et al. **Endocrinology** 1989 Jul;125(1):100-8

Suppression of leukocyte function and intracellular content of ATP in hyperosmotic condition comparable to the renal medulla. Matsumoto T, et al. **J Urol** 1989 Aug;142(2):399-402

ADENOVIRUS INFECTIONS

Enteric adenovirus infection and childhood diarrhea: an epidemiologic study in three clinical settings. Kotloff KL, et al. **Pediatrics** 1989 Aug;84(2):219-25

ADENYL CYCLASE

Decreased bioactivity of the guanine nucleotide-binding protein that stimulates adenylate cyclase in hearts from cardiomyopathic Syrian hamsters. Kessler PD, et al. **J Clin Invest** 1989 Jul;84(1):244-52

ADHESIONS

A comparative study of postoperative adhesions following laser surgery by laparoscopy versus laparotomy in the rabbit model. Luciano AA, et al. **Obstet Gynecol** 1989 Aug; 74(2):220-4

Intraabdominal adhesions: intraoperative US. Suslavich FJ, et al. **Radiology** 1989 Aug;172(2):387-8

ADIPOSE TISSUE

Adipogenic activity in sera from obese children before and after weight reduction. Hauner H, et al. **Am J Clin Nutr** 1989 Jul;50(1):63-7

Fatness, fat distribution, and glucose tolerance in second-generation Japanese-American (Nisei) men. Newell-Morris LL, et al. **Am J Clin Nutr** 1989 Jul; 50(1):9-18

Fatty acid ethyl esters in adipose tissue. A laboratory marker for alcohol-related death. Laposata EA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):762-6

Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. Chipkin SR, et al. **Endocrinology** 1989 Jul;125(1):450-8

Effect of feeding and obesity on lipoprotein lipase activity, immunoreactive protein, and messenger RNA levels in human adipose tissue. Ong JM, et al. **J Clin Invest** 1989 Jul;84(1):305-11

Effects of aging and exercise on insulin action in rat adipocytes are correlated with changes in fat cell volume. Lawrence JC Jr, et al. **J Gerontol** 1989 Jul;44(4):B88-92

ADJUVANTS, IMMUNOLOGIC

Preincubation of human synovial cells with IL-1 modulates prostaglandin E2 release in response to bradykinin. Bathon JM, et al. **J Immunol** 1989 Jul 15;143(2):579-86

Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. Cole JA, et al. **J Immunol** 1989 Jul 15;143(2):397-402

Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. **J Immunol** 1989 Aug 1;143(3):964-70

Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. **J Immunol** 1989 Aug 15;143(4):1318-26

Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149-54

Cholera toxin as a mucosal adjuvant. Glutaraldehyde treatment dissociates adjuvanticity from toxicity. Liang XP, et al. **J Immunol** 1989 Jul 15;143(2):484-90

IFN-beta 2/IL-6 augments the activity of human natural killer cells. Luger TA, et al. **J Immunol** 1989 Aug 15; 143(4):1206-9

Synergistic interactions of IL-1 and IL-6 in T cell activation. Mitogen but not antigen receptor-induced proliferation of a cloned T helper cell line is enhanced by exogenous IL-6. Mizutani H, et al. **J Immunol** 1989 Aug 1;143(3):896-901

Immunomodulatory activity of staphylococcal enterotoxin-B. The induction of an I-J-restricted suppressor factor. Taub DD, et al. **J Immunol** 1989 Aug 1;143(3):813-20

Immune enhancement by tumor necrosis factor-alpha improves antibiotic efficacy after hemorrhagic shock. Livingston DH, et al. **J Trauma** 1989 Jul;29(7):967-70; discussion 970-1

ADMINISTRATIVE PERSONNEL

The psychiatric chief residency [letter] Bemis C, et al. **Am J Psychiatry** 1989 Jul;146(7):943-4

The impatient unit director [letter] Moldawsky RJ. **Am J Psychiatry** 1989 Aug;146(8):1080-1

High turnover hasn't hit medical group administrators—yet. Koska MT. **Hospitals** 1989 Jul 5;63(13):58

ADOLESCENT BEHAVIOR

Comprehensive health care for high-risk adolescents: an evaluation study. Earls F, et al. **Am J Public Health** 1989 Aug;79(8):999-1005

ADRENAL CORTEX

Sequential expression of high and low density lipoprotein receptors in differentiating fetal rat adrenocortical cells in primary culture. Kahri AI, et al. **Endocrinology** 1989 Jul; 125(1):68-75

Physiology of the adrenal cortex. Bravo EL. **Urol Clin North Am** 1989 Aug;16(3):433-7 (17 ref.)

ADRENAL CORTEX DISEASES

Cushing syndrome due to primary pigmented nodular adrenocortical disease: findings at CT and MR imaging. Doppman JL, et al. **Radiology** 1989 Aug;172(2):415–20
Adrenal apoplexy revisited. Woeber KA. **West J Med** 1989 May;150(5):582–4

ADRENAL CORTEX HORMONES

Decreased adenosine triphosphatase activity in the absence of adrenocorticosteroids. Rarey KE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):817–21
Immunosuppressive treatment of multiple sclerosis. Carter JL, et al. **Mayo Clin Proc** 1989 Jun;64(6):664–9 (47 ref.)

ADRENAL CORTEX NEOPLASMS

Preoperative ketoconazole therapy for adrenocortical carcinoma. Sinnaeve LJ, et al. **Can Med Assoc J** 1989 Jul 15;141(2):131–3
Adrenal cortical carcinoma. Venkatesh S, et al. **Cancer** 1989 Aug 1;64(3):765–9
Adrenocortical carcinoma. Barzilay JI, et al. **Urol Clin North Am** 1989 Aug;16(3):457–68 (144 ref.)
Adrenocortical carcinoma in children. Chudler RM, et al. **Urol Clin North Am** 1989 Aug;16(3):469–79 (57 ref.)

ADRENAL GLAND DISEASES

Unusual case of postoperative adrenal hemorrhage [letter] Khardori R. **Am J Med** 1989 Jul;87(1):4
Adrenal insufficiency and interleukin-2 therapy [letter] VanderMolen LA, et al. **Ann Intern Med** 1989 Jul 15; 111(2):185
Lupus anticoagulant [letter] Yap AS, et al. **Ann Intern Med** 1989 Aug 1;111(3):262–3
Primary adrenal causes of Cushing's syndrome. Diagnosis and surgical management. Perry RR, et al. **Ann Surg** 1989 Jul;210(1):59–68
Adrenal surgery. **Urol Clin North Am** 1989 Aug; 16(3):417–606
Perioperative complications of adrenal surgery. Angermeier KW, et al. **Urol Clin North Am** 1989 Aug;16(3):597–606 (76 ref.)
Adrenal imaging. Computed tomographic scanning and magnetic resonance imaging. Bretan PN Jr, et al. **Urol Clin North Am** 1989 Aug;16(3):505–13 (28 ref.)
Adrenal arteriography and venography. Dedrick CG. **Urol Clin North Am** 1989 Aug;16(3):515–26 (42 ref.)
Operative approaches to the adrenal gland. Guz BV, et al. **Urol Clin North Am** 1989 Aug;16(3):527–34 (13 ref.)
Anatomy and pathology of the adrenal glands. Silverman ML, et al. **Urol Clin North Am** 1989 Aug;16(3):417–32 (81 ref.)

ADRENAL GLAND NEOPLASMS

MR evaluation of adrenal masses at 1.5 T. Baker ME, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):307–12
The detection of adrenal tumors and hyperplasia in patients with primary aldosteronism: comparison of scintigraphy, CT, and MR imaging. Ikeda DM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):301–6
Disparate urinary catecholamine patterns in secondary hypertension due to unique sequential development of pheochromocytoma and neuroblastoma. Amodeo C, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):800–2
Right atrial extension of adrenocortical carcinoma. Surgical management using hypothermia and cardiopulmonary bypass. Cheung PS, et al. **Cancer** 1989 Aug 15;64(4):812–5
Adrenal imaging. Computed tomographic scanning and magnetic resonance imaging. Bretan PN Jr, et al. **Urol Clin North Am** 1989 Aug;16(3):505–13 (28 ref.)
Adrenal arteriography and venography. Dedrick CG. **Urol Clin North Am** 1989 Aug;16(3):515–26 (42 ref.)
New perspectives in pheochromocytoma. Greene JP, et al. **Urol Clin North Am** 1989 Aug;16(3):487–503 (131 ref.)
Anesthesia in adrenal surgery. Jovenich JJ. **Urol Clin North Am** 1989 Aug;16(3):583–7 (55 ref.)
Preoperative and surgical management of pheochromocytoma. Malone MJ, et al. **Urol Clin North Am** 1989 Aug;16(3):567–82 (38 ref.)
Anatomy and pathology of the adrenal glands. Silverman ML, et al. **Urol Clin North Am** 1989 Aug;16(3):417–32 (81 ref.)

ADRENAL GLANDS

The detection of adrenal tumors and hyperplasia in patients with primary aldosteronism: comparison of scintigraphy, CT, and MR imaging. Ikeda DM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):301–6
The enhancing effect of adrenocorticotropin on adrenal 3-hydroxy-3-methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Lehoux JG, et al. **Endocrinology** 1989 Jul;125(1):158–64
Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Shier DN, et al. **Endocrinology** 1989 Jul;125(1):486–91
Adrenal imaging. Computed tomographic scanning and magnetic resonance imaging. Bretan PN Jr, et al. **Urol Clin North Am** 1989 Aug;16(3):505–13 (28 ref.)
Adrenal arteriography and venography. Dedrick CG. **Urol Clin North Am** 1989 Aug;16(3):515–26 (42 ref.)
Operative approaches to the adrenal gland. Guz BV, et al. **Urol Clin North Am** 1989 Aug;16(3):527–34 (13 ref.)
Anatomy and pathology of the adrenal glands. Silverman ML, et al. **Urol Clin North Am** 1989 Aug;16(3):417–32 (81 ref.)

ADRENAL HYPERPLASIA, CONGENITAL

Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. Shapiro E, et al. **J Urol** 1989 Aug;142(2 Pt 2):663–6; discussion 667–8
Reconstruction of the external genitalia in the adrenogenital syndrome by means of a personal one-stage procedure. Hinderer UT. **Plast Reconstr Surg** 1989 Aug;84(2):325–37

ADRENAL MEDULLA

Adrenal medullary autografts in patients with Parkinson's disease [letter] **N Engl J Med** 1989 Aug 3;321(5):324–7
Physiology of the adrenal medulla. Tsapatsaris NP, et al. **Urol Clin North Am** 1989 Aug;16(3):439–45 (30 ref.)

ADRENALECTOMY

Bilateral adrenalectomy worsens gastric mucosal lesions induced by indomethacin in the rat. Role of enhanced gastric motility. Takeuchi K, et al. **Gastroenterology** 1989 Aug;97(2):284–93
Surgery for primary hyperaldosteronism. Novick AC. **Urol Clin North Am** 1989 Aug;16(3):535–45 (20 ref.)

ADRENERGIC ALPHA RECEPTOR AGONISTS

Dexmedetomidine produces a hypnotic-anesthetic action in rats via activation of central alpha-2 adrenoceptors. Doze VA, et al. **Anesthesiology** 1989 Jul;71(1):75–9
Effects of dexmedetomidine, a selective alpha 2-adrenoceptor agonist, on hemodynamic control mechanisms. Kallio A, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):33–42

ADRENERGIC ALPHA RECEPTOR BLOCKADERS

Assessment of MK-912, an alpha 2-adrenoceptor antagonist, with use of intravenous clonidine. Warren JB, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):103–9
Alpha-blockade for hypertension [letter] Semple PF. **Lancet** 1989 Jul 15;2(8655):158

ADRENERGIC BETA RECEPTOR BLOCKADERS

Antiarrhythmic efficacy of solitary beta-adrenergic blockade for patients with sustained ventricular tachyarrhythmias. Brodsky MA, et al. **Am Heart J** 1989 Aug;118(2):272–80
Nonthrombolytic intervention in acute myocardial infarction. Kirshenbaum JM. **Am J Cardiol** 1989 Jul 18;64(4):25B–28B (24 ref.)
Peri-operative management of severe thyrotoxicosis with esmolol. Vijayakumar HR, et al. **Anaesthesia** 1989 May; 44(5):406–8

ADRENOCORTICOTROPIC HORMONE

Does dexamethasone suppress the ACTH response in preterm babies? Rennie JM, et al. **Arch Dis Child** 1989 Apr; 64(4):612–3
Spurious elevation of plasma immunoreactive adrenocorticotropic hormone in cyclic Cushing's syndrome. Wickus GG, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):797–9
Characterization of anterior pituitary target cells for arginine vasopressin: including cells that store adrenocorticotropin, thyrotropin-beta, and both hormones. Childs GV, et al. **Endocrinology** 1989 Jul;125(1):554–9
Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. **Endocrinology** 1989 Jul;125(1):308–13
The enhancing effect of adrenocorticotropin on adrenal 3-hydroxy-3-methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Lehoux JG, et al. **Endocrinology** 1989 Jul;125(1):158–64
Differential expression of functional adrenocorticotropic hormone receptors by subpopulations of lymphocytes. Clarke BL, et al. **J Immunol** 1989 Jul 15;143(2):464–9
Relative efficacy of intravenous methylprednisolone and ACTH in the treatment of acute relapse in MS. Thompson AJ, et al. **Neurology** 1989 Jul;39(7):969–71

AEDES

Aedes aegypti and Aedes aegypti-borne disease control in the 1990s: top down or bottom up. Charles Franklin Craig Lecture. Gubler DJ. **Am J Trop Med Hyg** 1989 Jun; 40(6):571–8

AEROSOLS

Effect of droplet size on respiratory responses to inhaled sulfuric acid in normal and asthmatic volunteers. Linn WS, et al. **Am Rev Respir Dis** 1989 Jul;140(1):161–6

AFFECT

Seasonal and mood independence of low basal prolactin secretion in premenopausal women with seasonal affective disorder. Depue RA, et al. **Am J Psychiatry** 1989 Aug; 146(8):989–95

AFFECTIVE DISORDERS

Seasonality and affective illness. Wehr TA, et al. **Am J Psychiatry** 1989 Jul;146(7):829–39 (105 ref.)

AGAMMAGLOBULINEMIA

IgG subclasses in children with nephrotic syndrome. Warshaw BL, et al. **Am J Clin Pathol** 1989 Jul;92(1):68–72

AGED

Anaesthesia in old age [editorial] Jones RM. **Anaesthesia** 1989 May;44(5):377–8
Risk factors for falls in a community-based prospective study of people 70 years and older. Campbell AJ, et al. **J Gerontol** 1989 Jul;44(4):M112–7
Personal and environmental determinants of activity involvement among elderly residents of congregate facilities. Lemke S, et al. **J Gerontol** 1989 Jul;44(4):S139–48
Mortality decline and Chinese family structure: implications for old age support. Tu EJ, et al. **J Gerontol** 1989 Jul; 44(4):S157–68
Management of drug therapy in the elderly. Montamat SC, et al. **N Engl J Med** 1989 Aug 3;321(5):303–9 (78 ref.)

AGGRESSION

Midazolam for aggressivity and violence in three mentally retarded patients. Bond WS, et al. **Am J Psychiatry** 1989 Jul;146(7):925–6
The Modified Overt Aggression Scale [letter] Knoedler DW. **Am J Psychiatry** 1989 Aug;146(8):1081–2
Head injury and marital aggression. Rosenbaum A, et al. **Am J Psychiatry** 1989 Aug;146(8):1048–51
Alprazolam and aggression [letter] Rudorfer MV, et al. **Am J Psychiatry** 1989 Jul;146(7):949–50

AGING

Between- and within-subject variation in nutrient intake from infancy to old age: estimating the number of days required to rank dietary intakes with desired precision. Nelson M, et al. **Am J Clin Nutr** 1989 Jul;50(1):155–67
Late-life onset of panic disorder with agoraphobia in three patients. Luchins DJ, et al. **Am J Psychiatry** 1989 Jul; 146(7):920–1
Comparison of the effects of halothane on skinned myocardial fibers from newborn and adult rabbit: II. Effects on sarcoplasmic reticulum. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):103–9
Influence of age on Doppler echocardiographic indices of left ventricular diastolic function [letter] Abinader EG, et al. **Br Heart J** 1989 May;61(5):483
Nadolol antihypertensive effect and disposition in young and elderly adults with mild to moderate essential hypertension. Mitenko PA, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):56–62
Proceedings of a workshop entitled "Neuromuscular function and dysfunction of the gastrointestinal tract in aging". Szurszewski JH, et al. **Dig Dis Sci** 1989 Jul;34(7):1135–46
Circulating inhibin alpha concentrations in infant, prepubertal, and adult male rhesus monkeys (Macaca mulatta) and in juvenile males during premature initiation of puberty with pulsatile gonadotropin-releasing hormone treatment. Abeyawardene SA, et al. **Endocrinology** 1989 Jul;125(1):250–6
Effect of aging on in vivo and in vitro ethanol metabolism and its toxicity in F344 rats. Seitz HK, et al. **Gastroenterology** 1989 Aug;97(2):446–56
Old? Who's old? Anderson E. **Geriatrics** 1989 Jul;44(7):92–3
Reviewing the safe use of antibiotics in the elderly. Gleckman RA, et al. **Geriatrics** 1989 Jul;44(7):33–6, 39 (19 ref.)
Physician checklist for visually impaired elderly in nursing homes. Stoehr AJ, et al. **Geriatrics** 1989 Jul;44(7):87–91
The release of neutrophil chemoattractant activity by bronchoalveolar macrophages from adult and senescent mice. Esposito AL, et al. **J Gerontol** 1989 Jul;44(4):B93–9
Age differences in productive activities. Herzog AR, et al. **J Gerontol** 1989 Jul;44(4):S129–38
The MMPI: regional difference or normal aging? Koeppl PM, et al. **J Gerontol** 1989 Jul;44(4):P95–9
Effects of aging and exercise on insulin action in rat

adipocytes are correlated with changes in fat cell volume. Lawrence JC Jr, et al. **J Gerontol** 1989 Jul;44(4):B88–92
Visual, vestibular and somatosensory contributions to balance control in the older adult. Manchester D, et al. **J Gerontol** 1989 Jul;44(4):M118–27
Effects of trypsin inhibitor (camostate) on pancreas and CCK release in young and old female rats. Miyasaka K, et al. **J Gerontol** 1989 Jul;44(4):M136–40
Remembering faces and drawings: a test of Hasher & Zacks' model of automatic processing in a Turkish sample. Ozekes M, et al. **J Gerontol** 1989 Jul;44(4):P122–3
Individual differences in locus of control during the second half of the life span for identical and fraternal twins reared apart and reared together. Pedersen NL, et al. **J Gerontol** 1989 Jul;44(4):P100–5
Serum prolactin and aging: basal values and changes with estrogen use and hypothyroidism. Sawin CT, et al. **J Gerontol** 1989 Jul;44(4):M131–5
Age, functional postural reflexes, and voluntary sway. Stelmach GE, et al. **J Gerontol** 1989 Jul;44(4):B100–6
Age and decision strategies in running memory for speech: effects of prosody and linguistic structure. Wingfield A, et al. **J Gerontol** 1989 Jul;44(4):P106–13
Age-dependence of the lateral mobility of proteins in the plasma membrane of hepatocytes of C57BL/6 mice: FRAP studies on liver smears. Zs.-Nagy I, et al. **J Gerontol** 1989 Jul;44(4):B83–7
Hyperglycemia after trauma increases with age. Desai D, et al. **J Trauma** 1989 Jun;29(6):719–23
Decline in skeletal muscle mitochondrial respiration chain function with aging [letter] Cardellach F, et al. **Lancet** 1989 Jul 1;2(8653):44–5
The effects of aging on cerebral blood flow in migraine. Robertson WM, et al. **Neurology** 1989 Jul;39(7):947–51
Aging and the skin. Silverberg N, et al. **Postgrad Med** 1989 Jul;86(1):131–6, 141–4 (10 ref.)
Development and aging of brain midline structures: assessment with MR imaging. Hayakawa K, et al. **Radiology** 1989 Jul;172(1):171–7

AGRANULOCYTOSIS

Dietary deficiency of phylloquinone and reduced serum levels in febrile neutropenic cancer patients. Conly J, et al. **Am J Clin Nutr** 1989 Jul;50(1):109–13
Combating infections in neutropenic patients. Pizzo PA. **Hosp Pract [Off]** 1989 Jul 15;24(7):93–100, 103–4, 107–10 (7 ref.)
Lithium for zidovudine-induced neutropenia in AIDS [letter] Nathwani D, et al. **JAMA** 1989 Aug 11;262(6):775–6
Treatment of drug-induced agranulocytosis with granulocyte-colony stimulating factor [letter] Muroi K, et al. **Lancet** 1989 Jul 1;2(8653):55
Zidovudine-induced neutropenia: are we too cautious? Shaunak S, et al. **Lancet** 1989 Jul 8;2(8654):91–2

AIDS-RELATED COMPLEX

Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876–80

AIDS SERODIAGNOSIS

False-positive HIV western blots [news] **Lancet** 1989 Jul 22; 2(8656):231

AIR POLLUTANTS

Radon testing of California homes [letter] Kizer KW. **West J Med** 1989 Jun;150(6):697 –8

AIR POLLUTANTS, ENVIRONMENTAL

Epidemiologic and toxicologic evidence for chronic health effects and the underlying biologic mechanisms involved in sub-lethal exposures to acidic pollutants. Soskolne CL, et al. **Arch Environ Health** 1989 May-Jun;44(3):180–91 (160 ref.)

AIRCRAFT

Evolution of civil aeromedical helicopter aviation. Meier DR, et al. **South Med J** 1989 Jul;82(7):885–91

AIRWAY OBSTRUCTION

Should PEEP be used in airflow obstruction? [editorial] Marini JJ. **Am Rev Respir Dis** 1989 Jul;140(1):1–3
Detrimental effects of positive end-expiratory pressure during controlled mechanical ventilation of patients with severe airflow obstruction. Tuxen DV. **Am Rev Respir Dis** 1989 Jul;140(1):5–9
Airway obstruction in epidermolysis bullosa [letter] Fisher GC, et al. **Anaesthesia** 1989 May;44(5):449
Airway obstruction caused by a kinked Hi-Lo Jet endotracheal tube during high frequency jet ventilation. Wilks DH, et al. **Anesth Analg** 1989 Jul;69(1):982–4
Percutaneous transtracheal catheter ventilation (PTCV) in complete airway obstruction—a canine model. Frame SB, et al. **J Trauma** 1989 Jun;29(6):774–80; discussion 780–1

AIRWAY RESISTANCE

Proximal mean airway pressure: a good estimator of mean alveolar pressure during continuous positive-pressure breathing. Fuhrman BP, et al. **Crit Care Med** 1989 Jul; 17(7):666–70

ALANINE AMINOTRANSFERASE

A review of donor alanine aminotransferase testing. Implications for the blood donor and practitioner. Saxena S, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):767–71

ALBUMINS

Incorporation of intravenously injected albumin, immunoglobulin G, and fibrinogen in guinea pig megakaryocyte granules. Handagama PJ, et al. **J Clin Invest** 1989 Jul;84(1):73–82

ALBUTEROL

Delivery of albuterol and ipratropium bromide from two nebulizer systems in chronic stable asthma. Efficacy and pulmonary deposition. Johnson MA, et al. **Chest** 1989 Jul; 96(1):6–10

ALCOHOL DRINKING

A case-control study of pancreatic cancer and cigarettes, alcohol, coffee and diet. Olsen GW, et al. **Am J Public Health** 1989 Aug;79(8):1016–9
Alcohol consumption and problem drinking in white male veterans and nonveterans. Richards MS, et al. **Am J Public Health** 1989 Aug;79(8):1011–5
A case-control study of breast cancer and alcohol consumption habits. Young TB. **Cancer** 1989 Jul 15; 64(2):552–8
Alcohol use and abuse in schizophrenia. A prospective community study. Drake RE, et al. **J Nerv Ment Dis** 1989 Jul;177(7):408–14
From the Centers for Disease Control. Behavioral risk factor surveillance—selected states, 1987. **JAMA** 1989 Aug 11; 262(6):753–4
Surgeon general's final target: drunk driving [news] Marwick C. **JAMA** 1989 Jul 14;262(2):181

ALCOHOL, ETHYL

Sonographically guided percutaneous injection of ethanol for treatment of hepatocellular carcinoma: value of Gelfoam to mark the lesion [letter] Shiina S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):430
Fatty acid ethyl esters in adipose tissue. A laboratory marker for alcohol-related death. Laposata EA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):762–6
Effect of aging on in vivo and in vitro ethanol metabolism and its toxicity in F344 rats. Seitz HK, et al. **Gastroenterology** 1989 Aug;97(2):446–56
Lipoxygenase metabolites in the rat gastric microvascular response to intragastric ethanol. Yonei Y, et al. **Gastroenterology** 1989 Aug;97(2):304–12

ALCOHOL, PROPYL

Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Pepose JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):983–5

ALCOHOLISM

Screening for alcohol and other drug abuse. U.S. Preventive Services Task Force. **Am Fam Physician** 1989 Jul; 40(1):137–46 (78 ref.)
Family histories of alcoholism in depressed patients: DST and REM latency findings [letter] Zammit G, et al. **Am J Psychiatry** 1989 Aug;146(8):1077
'Catatonia' due to disulfiram toxicity. Fisher CM. **Arch Neurol** 1989 Jul;46(7):798–804
Alcohol and substance abuse among schizophrenic patients presenting to an emergency psychiatric service. Barbee JG, et al. **J Nerv Ment Dis** 1989 Jul;177(7):400–7
Alcohol use and abuse in schizophrenia. A prospective community study. Drake RE, et al. **J Nerv Ment Dis** 1989 Jul;177(7):408–14
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1989 Jul 21; 262(3):331
Alcohol and family violence [letter] Schwartz I. **JAMA** 1989 Jul 21;262(3):351–2
Alcoholism in hospitalized patients in Switzerland [letter] Yersin B, et al. **JAMA** 1989 Aug 11;262(6):772
Treatment of alcoholism [letter] **N Engl J Med** 1989 Aug 10;321(6):399–401

ALDEHYDES

Cholera toxin as a mucosal adjuvant. Glutaraldehyde treatment dissociates adjuvanticity from toxicity. Liang XP, et al. **J Immunol** 1989 Jul 15;143(2):484–90

ALDOSTERONE

Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Shier DN, et al. **Endocrinology** 1989 Jul;125(1):486–91
Physiology of the adrenal cortex. Bravo EL. **Urol Clin North Am** 1989 Aug;16(3):433–7 (17 ref.)

ALGORITHMS

Scheduling algorithm for electives [letter] Block FE, et al. **Acad Med** 1989 Jul;64(7):391
Hypothesis-oriented algorithms. Echternach JL, et al. **Phys Ther** 1989 Jul;69(7):559–64

ALKALINE PHOSPHATASE

CSF placental alkaline phosphatase as marker in cranial dysgerminoma [letter] Ramakrishnan S, et al. **Lancet** 1989 Jul 22;2(8656):225

ALKALOSIS

Pulmonary artery catheter deterioration during hydrochloric acid infusion for the treatment of metabolic alkalosis. Kopel RF, et al. **Crit Care Med** 1989 Jul;17(7):688–9
Effects of acute metabolic acidosis and alkalosis on leucine metabolism in conscious dogs. Rodriguez NR, et al. **Diabetes** 1989 Jul;38(7):847–53

ALKYLATING AGENTS

Molecular mechanisms in chemically induced cancer. O'Connor PJ. **Chest** 1989 Jul;96(1 Suppl):24S–25S (13 ref.)

ALLELES

Association of a Plasmodium-refractory phenotype with an esterase locus in Anopheles gambiae. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):593–7
Site-specific antibodies distinguish single amino acid substitutions in position 57 in HLA-DQ beta-chain alleles associated with insulin-dependent diabetes. Atar D, et al. **J Immunol** 1989 Jul 15;143(2):533–8
Characterization of allelic V kappa-1 region genes in inbred strains of mice. Ng KH, et al. **J Immunol** 1989 Jul 15; 143(2):638–48

ALLIED HEALTH PERSONNEL

Prehospital intraosseous infusion by emergency medical services personnel: a prospective study. Seigler RS, et al. **Pediatrics** 1989 Jul;84(1):173–7

ALLOYS

Simon nitinol inferior vena cava filter: initial clinical experience. Work in progress. Simon M, et al. **Radiology** 1989 Jul;172(1):99–103

ALPHA 1-ANTITRYPSIN

Anti-neutrophil-elastase defenses of the lower respiratory tract in alpha 1-antitrypsin deficiency directly augmented with an aerosol of alpha 1-antitrypsin. Hubbard RC, et al. **Ann Intern Med** 1989 Aug 1;111(3):206–12
Interferon beta 2/interleukin 6 modulates synthesis of alpha 1-antitrypsin in human mononuclear phagocytes and in human hepatoma cells. Perlmutter DH, et al. **J Clin Invest** 1989 Jul;84(1):138–44

ALPHA FETOPROTEINS

Data sought to link adverse pregnancy outcome with maternal serum alpha-fetoprotein levels in black gravid women [letter] Lenke RR. **Am J Obstet Gynecol** 1989 Jul; 161(1):254–5
Elevated serum alpha-fetoprotein in a pregnant woman with rheumatoid arthritis [letter] Andrews LG, et al. **N Engl J Med** 1989 Jul 27;321(4):262–3

ALPHA GLOBULINS

Tubular dysfunction and microalbuminuria in insulin dependent diabetes [letter] Chiarelli F, et al. **Arch Dis Child** 1989 Apr;64(4):635

ALPRAZOLAM

Relapse and rebound following discontinuation of benzodiazepine treatment of panic attacks: alprazolam versus diazepam. Roy-Byrne PP, et al. **Am J Psychiatry** 1989 Jul;146(7):860–5
Alprazolam and aggression [letter] Rudorfer MV, et al. **Am J Psychiatry** 1989 Jul;146(7):949–50
Imipramine and alprazolam treatment of lactate-induced acute endogenous distress in nonhuman primates. Sunderland G, et al. **Am J Psychiatry** 1989 Aug; 146(8):1044–7
Alprazolam augmentation of neuroleptics in schizophrenia [letter] Wolkowitz OM, et al. **Am J Psychiatry** 1989 Aug; 146(8):1087–8

ALPROSTADIL

Prostaglandin E1 attenuates postischemic contractile

dysfunction after brief coronary occlusion and reperfusion. Farber NE, et al. **Am Heart J** 1989 Jul;118(1):17-24
Randomized double-blind, multicenter study of prostaglandin E1 in patients with the adult respiratory distress syndrome. Prostaglandin E1 Study Group. Bone RC, et al. **Chest** 1989 Jul;96(1):114-9
Prostaglandin E1: not the magic bullet in ARDS [editorial] Jenkinson SG. **Chest** 1989 Jul;96(1):1-2
Effect of prostaglandin E1 analogue TFC 612 on diabetic neuropathy in streptozocin-induced diabetic rats. Comparison with aldose reductase inhibitor ONO 2235. Yasuda H, et al. **Diabetes** 1989 Jul;38(7):832-8
Local and systemic effects of chronic intracavernous injection of papaverine, prostaglandin E1, and saline in primates. Aboseif SR, et al. **J Urol** 1989 Aug;142(2):403-8

ALTERNATIVE MEDICINE

Chelation therapy and Uncle John [letter] Harris LK. **Can Med Assoc J** 1989 Jul 15;141(2):98

ALUMINUM

Sucralfate, intestinal aluminum absorption, and aluminum toxicity in a patient on dialysis. Robertson JA, et al. **Ann Intern Med** 1989 Jul 15;111(2):179-81
Longitudinal study of workers in an aluminum smelter. Chan-Yeung M, et al. **Arch Environ Health** 1989 May-Jun; 44(3):134-9
Demonstration of aluminium on bone using different staining techniques and spectrophotometry [letter] Freemont AJ, et al. **J Clin Pathol** 1989 Jun;42(6):671-2
Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune-prone lpr mice. Coggeshall KM, et al. **J Immunol** 1989 Aug 1; 143(3):780-6

ALUMINUM HYDROXIDE

Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Altmann P, et al. **Lancet** 1989 Jul 1;2(8653):7-12

ALZHEIMER'S DISEASE

Nutritional status of free-living Alzheimer's patients. Renvall MJ, et al. **Am J Med Sci** 1989 Jul;298(1):20-7
Imipramine for patients with Alzheimer's disease with and without depression [letter] **Am J Psychiatry** 1989 Jul; 146(7):944-5
Psychopathology of very mild dementia of the Alzheimer type. Rubin EH, et al. **Am J Psychiatry** 1989 Aug; 146(8):1017-21
Commissural connections and symmetry of degeneration in Alzheimer's disease [letter] Demeter S, et al. **Arch Neurol** 1989 Jul;46(7):723-4
Neuron-binding antibodies in Alzheimer's disease and Down's syndrome. Franceschi M, et al. **J Gerontol** 1989 Jul;44(4):M128-30
Amyloid protein in Alzheimer's disease. Joachim CL, et al. **J Gerontol** 1989 Jul;44(4):B77-82 (69 ref.)
A new scale for the assessment of functional status in Alzheimer's disease and related disorders. Loewenstein DA, et al. **J Gerontol** 1989 Jul;44(4):P114-21
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1989 Jul 21; 262(3):331
Tacrine in Alzheimer's disease [letter] Davies B, et al. **Lancet** 1989 Jul 15;2(8655):163-4
Presenile dementia associated with mosaic trisomy 21 in a patient with a Down syndrome child [letter] Rowe IF, et al. **Lancet** 1989 Jul 22;2(8656):229
Alzheimer disease: quantitative analysis of I-123-iodoamphetamine SPECT brain imaging. Hellman RS, et al. **Radiology** 1989 Jul;172(1):183-8

AMBULANCES

Effect of a media campaign on delay times and ambulance use in suspected acute myocardial infarction. Herlitz J, et al. **Am J Cardiol** 1989 Jul 1;64(1):90-3

AMBULATORY CARE

Outpatient myelography with fine-needle technique: an appraisal. Vezina JL, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):383-5
Prescription of psychotropics to children in office-based practice. Kelleher KJ, et al. **Am J Dis Child** 1989 Jul; 143(7):855-9
Cardiac catheterisation as an outpatient procedure [letter] **BMJ** 1989 Apr 29;298(6681):1182
Well users clinic for illicit drug users [letter] Strang J, et al. **BMJ** 1989 May 13;298(6683):1310
Cardiac catheterization as an outpatient procedure [letter] Uren NG, et al. **BMJ** 1989 May 13;298(6683):1310
Ambulatory follow-up of aortic dissection by transesophageal two-dimensional and color-coded Doppler echocardiography. Mohr-Kahaly S, et al. **Circulation** 1989 Jul;80(1):24-33
Survey reveals cost, time of PPS conversion. Koska MT. **Hospitals** 1989 Jul 5;63(13):78
Part B reform: is it the answer for hospitals? Robinson ML. **Hospitals** 1989 Jul 5;63(13):25-6
Hospitals faced with declining Part B payments. Robinson ML. **Hospitals** 1989 Jul 5;63(13):22-5

AMBULATORY SURGERY

Daycase anaesthesia and anxiety. A study of anxiety profiles amongst patients attending a day bed unit. Mackenzie JW. **Anaesthesia** 1989 May;44(5):437-40
Comparison of tracheal intubating conditions and neuromuscular blocking profiles after intubating doses of mivacurium chloride or succinylcholine in surgical outpatients. Goldberg ME, et al. **Anesth Analg** 1989 Jul; 69(1):959-65

AMELOBLASTOMA

Adamantinoma of long bones. A clinicopathologic study of 85 cases. Keeney GL, et al. **Cancer** 1989 Aug 1;64(3):730-7
Metastasizing ameloblastoma. Laughlin EH. **Cancer** 1989 Aug 1;64(3):776-80 (8 ref.)

AMENORRHEA

Twin pregnancy in premature ovarian failure after estrogen treatment: a case report. Tang L, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):172-3
American Academy of Pediatrics: Committee on Sports Medicine: Amenorrhea in adolescent athletes. **Pediatrics** 1989 Aug;84(2):394-5

AMERICAN HOSPITAL ASSOCIATION

Awards. And the winner is.... **Hospitals** 1989 Jul 5; 63(13):FB70
Greater budget battles ahead [interview by Michele Robinson] Rettig PC. **Hospitals** 1989 Jul 5;63(13):60-2

AMIDES

Effect of ropivacaine on cutaneous capillary blood flow in pigs. Kopacz DJ, et al. **Anesthesiology** 1989 Jul;71(1):69-74

AMIDINES

Pentamidine for the prevention and treatment of P. carinii pneumonia. Molavi A. **Am Fam Physician** 1989 Jul; 40(1):195-200 (24 ref.)
From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184
Pentamidine salts [letter] Mongiardo N, et al. **Lancet** 1989 Jul 8;2(8654):108

AMIDOHYDROLASES

Biotinidase deficiency associated with severe combined immunodeficiency [letter] Hurvitz H, et al. **Lancet** 1989 Jul 22;2(8656):228-9

AMIKACIN

Intravitreal antibiotic therapy with vancomycin and aminoglycoside. An experimental study of combination and repetitive injections. Oum BS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1055-60

AMINO ACID METABOLISM, INBORN ERRORS

Mitochondrial encephalomyopathy with associated aminoacidopathy in a male sibship. Booth FA, et al. **J Pediatr** 1989 Jul;115(1):81-8

AMINO ACIDS

A theoretical basis for increasing current estimates of the amino acid requirements in adult man, with experimental support. Young VR, et al. **Am J Clin Nutr** 1989 Jul; 50(1):80-92
Fibrinogen Stony Brook, a heterozygous A alpha 16Arg——Cys dysfibrinogenemia. Evaluation of diminished platelet aggregation support and of enhanced inhibition of fibrin assembly. Galanakis DK, et al. **J Clin Invest** 1989 Jul;84(1):295-304
Circumvention of defective neutral amino acid transport in Hartnup disease using tryptophan ethyl ester. Jonas AJ, et al. **J Clin Invest** 1989 Jul;84(1):200-4
Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1-28. Brakenhoff JP, et al. **J Immunol** 1989 Aug 15;143(4):1175-82

AMINO ACIDS, ESSENTIAL

A theoretical basis for increasing current estimates of the amino acid requirements in adult man, with experimental support. Young VR, et al. **Am J Clin Nutr** 1989 Jul; 50(1):80-92

AMINOACRIDINES

Tacrine in Alzheimer's disease [letter] Davies B, et al. **Lancet** 1989 Jul 15;2(8655):163-4

AMINOCAPROIC ACIDS

Prophylactic treatment of postperfusion bleeding using EACA. DelRossi AJ, et al. **Chest** 1989 Jul;96(1):27-30

AMINOGLUTETHIMIDE

The enhancing effect of adrenocorticotropin on adrenal 3-hydroxy-3-methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Lehoux JG, et al. **Endocrinology** 1989 Jul;125(1):158-64

AMINOPYRINE

Dipyrone trials in Thailand [letter] Kiatboonsri P, et al. **Lancet** 1989 Jul 8;2(8654):107

AMIODARONE

Long-term effects of amiodarone on hepatic function. Robinson K, et al. **Am J Cardiol** 1989 Jul 1;64(1):95-6
Electropharmacology of amiodarone therapy initiation. Time courses of onset of electrophysiologic and antiarrhythmic effects. Mitchell LB, et al. **Circulation** 1989 Jul;80(1):34-42
Pharmacokinetic interaction between intravenous phenytoin and amiodarone in healthy volunteers. Nolan PE Jr, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):43-50

AMMONIA

Hyperammonemic encephalopathy: a complication associated with the prune belly syndrome. Diamond DA, et al. **J Urol** 1989 Aug;142(2):361-2
Periodic hyperammonemic encephalopathy associated with a ureterosigmoidostomy. Cascino GD, et al. **Mayo Clin Proc** 1989 Jun;64(6):653-6

AMMONIA-LYASES

Lack of effect of pregnancy or hematin therapy on erythrocyte porphobilinogen deaminase activity in acute intermittent porphyria [letter] Sassa S, et al. **N Engl J Med** 1989 Jul 20;321(3):192-3

AMNESIA

Transient global amnesia associated with cerebral angiography performed with use of iopamidol. Giang DW, et al. **Radiology** 1989 Jul;172(1):195-6

AMNIOTIC FLUID

Monocyte monolayer assay: an efficient noninvasive technique for predicting the severity of hemolytic disease of the newborn. Nance SJ, et al. **Am J Clin Pathol** 1989 Jul;92(1):89-92
Does midtrimester delta OD450 of amniotic fluid reflect severity of Rh disease? Ananth U, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):47-9
Saline solution amnioinfusion for oligohydramnios after premature rupture of the membranes. A preliminary report. Imanaka M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):102-6
Pulmonary development in the fetal lamb with severe bladder outlet obstruction and oligohydramnios: a morphometric study. Docimo SG, et al. **J Urol** 1989 Aug;142(2 Pt 2):657-60; discussion 667-8
Disparity of amniotic fluid volume and fetal size: problem of the stuck twin—US studies. Patten RM, et al. **Radiology** 1989 Jul;172(1):153-7

AMOBARBITAL

Memory following intracarotid amobarbital injection contralateral to hippocampal damage. Rausch R, et al. **Arch Neurol** 1989 Jul;46(7):783-8
Posttraumatic stress and conversion disorders in a Laotian refugee veteran: use of amobarbital interviews. Freimer N, et al. **J Nerv Ment Dis** 1989 Jul;177(7):432-3

AMOXICILLIN

Randomized treatment of mucopurulent cervicitis with doxycycline or amoxicillin. Paavonen J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):128-35
Amoxicillin overdose with gross hematuria [letter] Bright DA, et al. **West J Med** 1989 Jun;150(6):698-9

AMPHETAMINES

Alzheimer disease: quantitative analysis of I-123-iodoamphetamine SPECT brain imaging. Hellman RS, et al. **Radiology** 1989 Jul;172(1):183-8

AMPUTATION

Prediction of below-knee amputation wound healing using noninvasive laser Doppler velocimetry. Kram HB, et al. **Am J Surg** 1989 Jul;158(1):29-31
Major amputation for advanced malignant melanoma. Jaques DP, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):1-6

AMPUTATION STUMPS

Ultrasound imaging of residual limbs: new use for an old technique. Hurvitz EA, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):556–8

AMPUTATION, TRAUMATIC

Traumatic amputation of the upper limb: replantation of the arm. D'Addato M, et al. **J Trauma** 1989 Jun;29(6):876–9

AMYLOID

Familial dementia with PrP-positive amyloid plaques: a variant of Gerstmann–Sträussler syndrome. Nochlin D, et al. **Neurology** 1989 Jul;39(7):910–8

AMYLOIDOSIS

Treatment by pacemaker in familial amyloid polyneuropathy. Anzai N, et al. **Chest** 1989 Jul;96(1):80–4

AMYOTROPHIC LATERAL SCLEROSIS

Linkage analysis in familial amyotrophic lateral sclerosis. Siddique T, et al. **Neurology** 1989 Jul;39(7):919–25

ANABOLIC STEROIDS

Anabolic androgenic steroids and suicide [letter] Brower KJ, et al. **Am J Psychiatry** 1989 Aug;146(8):1075

HIV infection associated with injections of anabolic steroids [letter] Scott MJ, et al. **JAMA** 1989 Jul 14;262(2):207–8

ANAEROBIC THRESHOLD

Responses of left and right ventricular ejection fractions to aerobic and anaerobic phases of upright and supine exercise in normal subjects. Rodrigues EA, et al. **Am Heart J** 1989 Aug;118(2):319–24

ANALGESIA

Fentanyl citrate analgesia during labor. Rayburn W, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):202–6

Oral transmucosal fentanyl citrate (lollipop) premedication in human volunteers. Stanley TH, et al. **Anesth Analg** 1989 Jul;69(1):887–93

Patient–Controlled Analgesia Versus Intermittent Analgesia Dosing [letter] Christensen HJ. **Heart Lung** 1989 Jul; 18(4):430–1

ANALGESIA, EPIDURAL

Epidural diamorphine and bupivacaine in labour. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):400–3

ANALGESICS

Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Schmeling WT, et al. **Anesth Analg** 1989 Jul;69(1):870–80

ANALGESICS, ANTI-INFLAMMATORY

Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329–32

ANAPHYLAXIS

Fatal hypersensitivity reaction during a barium enema. Feczko PJ, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):275–6

Teniposide-induced hypersensitivity reactions in children [letter] Carstensen H, et al. **Lancet** 1989 Jul 1;2(8653):55

Suxamethonium anaphylaxis [letter] Watkins J. **Lancet** 1989 Jul 15;2(8655):171–2

Life-threatening allergic reactions. Anticipating and preparing are the best defenses. Stafford CT. **Postgrad Med** 1989 Jul;86(1):235–42, 245 (20 ref.)

ANASTOMOSIS, SURGICAL

End-to-side and end-to-end vascular anastomoses with a carbon dioxide laser. Nakata S, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):57–62

ANDROGENS

Down-regulation of estrogen receptors by androgens in the ZR-75-1 human breast cancer cell line. Poulin R, et al. **Endocrinology** 1989 Jul;125(1):392–9

Estrogen and androgen regulation of protein synthesis by the immature rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):231–42

Androgen and estrogen effects on protein synthesis by the adult rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):243–9

ANEMIA

Role of anemia in the pathogenesis of left ventricular hypertrophy in end-stage renal disease. Silberberg JS, et al. **Am J Cardiol** 1989 Jul 15;64(3):222–4

Role of ferritin supported in diagnosis of anemias of pregnancy [letter] Goodlin RC. **Am J Obstet Gynecol** 1989 Jul;161(1):258–9

Iron deficiency in adolescents [letter] Lyons D, et al. **BMJ** 1989 Apr 29;298(6681):1180

Facts and artifacts about anemia and preterm delivery. Klebanoff MA, et al. **JAMA** 1989 Jul 28;262(4):511–5

From the Food and Drug Administration. Nightingale SC. **JAMA** 1989 Aug 11;262(6):740

From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184

Recombinant human erythropoietin treatment in patients on maintenance home haemodialysis [letter] Pascual J, et al. **Lancet** 1989 Jul 15;2(8655):160

Treatment of the anemia of progressive renal failure with recombinant human erythropoietin. Eschbach JW, et al. **N Engl J Med** 1989 Jul 20;321(3):158–63

ANEMIA, APLASTIC

Captopril and aplastic anemia [letter] Kim CR, et al. **Ann Intern Med** 1989 Jul 15;111(2):187–8

An antibody that inhibits in vitro bone marrow proliferation in a patient with systemic lupus erythematosus and aplastic anemia. Bailey FA, et al. **Arthritis Rheum** 1989 Jul; 32(7):901–5

Rapid removal of excessive iron with daily, high-dose intravenous chelation therapy. Cohen AR, et al. **J Pediatr** 1989 Jul;115(1):151–5

ANEMIA, HEMOLYTIC, AUTOIMMUNE

Alpha-interferon for severe cold agglutinin disease. O'Connor BM, et al. **Ann Intern Med** 1989 Aug 1; 111(3):255–6

ANEMIA, HYPOCHROMIC

Scurvy and anaemia in refugees [letter] Greenham R. **Lancet** 1989 Jul 15;2(8655):170

Iron deficiency anemia: adverse effects on infant psychomotor development. Walter T, et al. **Pediatrics** 1989 Jul;84(1):7–17

ANEMIA, MACROCYTIC

Hurricane Gilbert anaemia [letter] Readett DR, et al. **Lancet** 1989 Jul 8;2(8654):101–2

ANEMIA, SICKLE CELL

Cholecystectomy in sickle cell anemia [letter] Gerry F. **Am J Dis Child** 1989 Jul;143(7):764

Exercise and hypoxia increase sickling in venous blood from an exercising limb in individuals with sickle cell trait. Martin TW, et al. **Am J Med** 1989 Jul;87(1):48–56

Intradermal hepatitis B vaccine in thalassaemia and sickle cell disease. Mok Q, et al. **Arch Dis Child** 1989 Apr; 64(4):535–40

Acute-phase reactants in sickle cell disease. Becton DL, et al. **J Pediatr** 1989 Jul;115(1):99–102

Rapid removal of excessive iron with daily, high-dose intravenous chelation therapy. Cohen AR, et al. **J Pediatr** 1989 Jul;115(1):151–5

Hurricane Gilbert anaemia [letter] Readett DR, et al. **Lancet** 1989 Jul 8;2(8654):101–2

Increased incidence of bacteremia in Haitian children with sickle cell anemia. Pegelow CH. **South Med J** 1989 Jul; 82(7):833–6, 840

ANENCEPHALY

On the use of anencephalic infants as organ donors. Medearis DN Jr, et al. **N Engl J Med** 1989 Aug 10;321(6):391–3

Experience with anencephalic infants as prospective organ donors. Peabody JL, et al. **N Engl J Med** 1989 Aug 10; 321(6):344–50

Anencephalic newborns. Can organs be transplanted before brain death? Truog RD, et al. **N Engl J Med** 1989 Aug 10;321(6):388–91

ANESTHESIA

Anaesthesia in old age [editorial] Jones RM. **Anaesthesia** 1989 May;44(5):377–8

Possible decrease in mortality associated with anaesthesia. A comparison of two time periods in Massachusetts, USA. Closed Claims Study Committee. Zeitlin GL. **Anaesthesia** 1989 May;44(5):432–3

Anesthesia: standards of care and liability [letter] Pierce EC Jr. **JAMA** 1989 Aug 11;262(6):773

Suxamethonium anaphylaxis [letter] Watkins J. **Lancet** 1989 Jul 15;2(8655):171–2

ANESTHESIA, CONDUCTION

Interaction of lidocaine and hypothermia in Bier blocks in volunteers. Heavner JE, et al. **Anesth Analg** 1989 Jul; 69(1):919–25

Thermographic evidence for demarcation of the sympatholytic effect following intravenous regional guanethidine block (IVRGB) [letter] Weyland A, et al. **Anesthesiology** 1989 Jul;71(1):171–2

Pleural block: technique for regional anesthesia during percutaneous hepatobiliary drainage. Rosenblatt M, et al. **Radiology** 1989 Jul;172(1):279–80

Intraoperative management of abdominal aortic aneurysms. The anesthesiologist's viewpoint. Hessel EA 2d. **Surg Clin North Am** 1989 Aug;69(4):775–93 (182 ref.)

ANESTHESIA, EPIDURAL

Panic disorder following 2-chloroprocaine [letter] Ackerman WE, et al. **Am J Psychiatry** 1989 Jul;146(7):940–1

Abnormalities in myocardial segmental wall motion during lumbar epidural anesthesia. Saada M, et al. **Anesthesiology** 1989 Jul;71(1):26–32

Tracheostomy performed under cervical epidural blockade. Ullman DA, et al. **Anesthesiology** 1989 Jul;71(1):161–2

ANESTHESIA, GENERAL

Daycase anaesthesia and anxiety. A study of anxiety profiles amongst patients attending a day bed unit. Mackenzie JW. **Anaesthesia** 1989 May;44(5):437–40

Multiple nerve palsies after anesthesia—a complication of nitrous oxide use? [letter] Lampert BA. **Anesth Analg** 1989 Jul;69(1):1002–3

Heart synchronized ventilation during extracorporeal shock wave lithotripsy [letter] Segal E, et al. **Anesth Analg** 1989 Jul;69(1):1005

Rhinoplasty and general anesthesia. Halothane vs enflurane as agent of choice. Selkin SG. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):802–3

The 1988 anesthesia survey of the Southern California Society of Oral and Maxillofacial Surgeons. Lytle JJ, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):834–42

Intraoperative management of abdominal aortic aneurysms. The anesthesiologist's viewpoint. Hessel EA 2d. **Surg Clin North Am** 1989 Aug;69(4):775–93 (182 ref.)

Anesthesia in adrenal surgery. Jovenich JJ. **Urol Clin North Am** 1989 Aug;16(3):583–7 (55 ref.)

ANESTHESIA, INHALATION

Haemodynamic responses to nicardipine in humans anaesthetised with halothane. Ray DC, et al. **Anaesthesia** 1989 May;44(5):382–5

Vaporizer for volatile anesthetics during high-frequency jet ventilation. Mazloomdoost M, et al. **Anesthesiology** 1989 Jul;71(1):150–3

On the date of the first use of ether in surgery [letter] Kubota Y, et al. **N Engl J Med** 1989 Jul 27;321(4):265–6

ANESTHESIA, INTRAVENOUS

Hypertrophic obstructive cardiomyopathy in combination with a prolapsing mitral valve. Anaesthesia for surgical correction with propofol. Bell MD, et al. **Anaesthesia** 1989 May;44(5):409–11

The effects of speed of injection on induction with propofol. A comparison with etomidate. Gillies GW, et al. **Anaesthesia** 1989 May;44(5):386–8

ANESTHESIA, LOCAL

Augmentation of local anesthesia during retinal detachment surgery. Mein CE, et al. **Arch Ophthalmol** 1989 Jul; 107(7):1084

Rhinoplasty and general anesthesia. Halothane vs enflurane as agent of choice. Selkin SG. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):802–3

ANESTHESIA, OBSTETRICAL

A plea for lateral thinking by obstetric anaesthetist [letter] Carrie LE. **Anaesthesia** 1989 May;44(5):444

Epidural diamorphine and bupivacaine in labour. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):400–3

Intrathecal narcotics for labor revisited: the combination of fentanyl and morphine intrathecally provides rapid onset of profound, prolonged analgesia. Leighton BL, et al. **Anesth Analg** 1989 Jul;69(1):988–91

Incidence of visceral pain during cesarean section: the effect of varying doses of spinal bupivacaine. Pedersen H, et al. **Anesth Analg** 1989 Jul;69(1):912–5

ANESTHESIA, SPINAL

Fluid flow through dural puncture sites. An in vitro comparison of needle point types. Cruickshank RH, et al. **Anaesthesia** 1989 May;44(5):415–8

Spinal anaesthesia in infants born prematurely. Gallagher TM, et al. **Anaesthesia** 1989 May;44(5):434–6

Spinal cord transmission of impulses during high spinal anesthesia as measured by cortical evoked potentials. Lang E, et al. **Anesth Analg** 1989 Jul;69(1):881–6

Incidence of visceral pain during cesarean section: the effect of varying doses of spinal bupivacaine. Pedersen H, et al. **Anesth Analg** 1989 Jul;69(1):912–5

Epinephrine increases the effectiveness of tetracaine spinal anesthesia. Carpenter RL, et al. **Anesthesiology** 1989 Jul; 71(1):33–6

ANESTHESIOLOGY

Procedural skills [letter] Spielman FJ, et al. **Acad Med** 1989 Jul;64(7):391–2
A modified expiratory valve for teaching. Sansome AJ, et al. **Anaesthesia** 1989 May;44(5):425–7
Fifty-two years ago in Anesthesia & Analgesia. E. A. Rovenstine: Anesthesia: organization for teaching. Current Researches in Anesthesia and Analgesia: 1937;16:318–22. **Anesth Analg** 1989 Jul;69(1):984
Humidity of the Bain and circle systems reassessed. Bengtson JP, et al. **Anesth Analg** 1989 Jul;69(1):949–52
New directions in anesthesia subspecialty training? [editorial] Reves JG, et al. **Anesth Analg** 1989 Jul;69(1):867–9
Smithisms [letter] Smith RT Jr. **Anesth Analg** 1989 Jul; 69(1):1007–8
Fifty years of Anesthesiology. Saidman LJ, et al. **Anesthesiology** 1989 Jul;71(1):1–7
A piece of my mind. On his shoulders. Parker MB. **JAMA** 1989 Aug 11;262(6):830

ANESTHETICS

Hypertrophic obstructive cardiomyopathy in combination with a prolapsing mitral valve. Anaesthesia for surgical correction with propofol. Bell MD, et al. **Anaesthesia** 1989 May;44(5):409–11
The effects of speed of injection on induction with propofol. A comparison with etomidate. Gillies GW, et al. **Anaesthesia** 1989 May;44(5):386–8
Hemodynamic and cardiodynamic effects of propofol and etomidate: negative inotropic properties of propofol. Brüssel T, et al. **Anesth Analg** 1989 Jul;69(1):901–6
Perioperative cardiovascular collapse in a patient previously treated with doxorubicin [letter] Hickey PR. **Anesth Analg** 1989 Jul;69(1):1004–5
Imprecise fentanyl and sufentanil labels [letter] Kennedy RW, et al. **Anesth Analg** 1989 Jul;69(1):1003–4
Calcium, calmodulin, and anesthesiology. Landers DF, et al. **Anesth Analg** 1989 Jul;69(1):966–78 (98 ref.)
Fifty-seven years ago in Anesthesia & Analgesia. D. A. Wood: Survey of anesthesia given in 550 brain operations in the years 1921 to 1930 inclusive. Current Researches in Anesthesia and Analgesia: 1932;11:201–5. Wood DA. **Anesth Analg** 1989 Jul;69(1):880
Dexmedetomidine produces a hypnotic-anesthetic action in rats via activation of central alpha-2 adrenoceptors. Doze VA, et al. **Anesthesiology** 1989 Jul;71(1):75–9
An unusual anesthetic course in a patient susceptible to malignant hyperthermia. Westlund UJ, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):860–4 (31 ref.)

ANESTHETICS, LOCAL

Panic disorder following 2-chloroprocaine [letter] Ackerman WE, et al. **Am J Psychiatry** 1989 Jul;146(7):940–1
Back pain following epidurally administered Nesacaine-MPF. Fibuch EE, et al. **Anesth Analg** 1989 Jul; 69(1):979–81
Effect of ropivacaine on cutaneous capillary blood flow in pigs. Kopacz DJ, et al. **Anesthesiology** 1989 Jul;71(1):69–74
Topical anesthetics: effects on the Achilles tendon and H-reflexes. I. Able-bodied subjects. Wolf SL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):531–6
Topical skin anesthesia for venous, subcutaneous drug reservoir and lumbar punctures in children. Halperin DL, et al. **Pediatrics** 1989 Aug;84(2):281–4

ANEUPLOIDY

DNA aneuploidy and cell proliferation in breast tumors. Christov K, et al. **Cancer** 1989 Aug 1;64(3):673–9
Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Kaketani K, et al. **Cancer** 1989 Aug 15;64(4):887–91
Predictive value of DNA measurements in bladder washings. Comparison of flow cytometry, image cytophotometry, and cytology in patients with a past history of urothelial tumors. Koss LG, et al. **Cancer** 1989 Aug 15;64(4):916–24
Flow cytometric evaluation of bronchoscopic washings and lavage fluid for DNA aneuploidy as an adjunct in the diagnosis of lung cancer and tumors metastatic to the lung. Yoss EB, et al. **Chest** 1989 Jul;96(1):54–9

ANEURYSM

Hemarthrosis of the ankle secondary to false aneurysm caused by impingement from an osteophyte. A case report. Ris HB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):935–7
Carotid cave aneurysms [letter] Nutik S. **J Neurosurg** 1989 Aug;71(2):302–3
Management of aneurysms that involve the juxtarenal or suprarenal aorta. Budden J, et al. **Surg Clin North Am** 1989 Aug;69(4):837–44 (13 ref.)
Popliteal aneurysms. Farina C, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):7–13

ANEURYSM, DISSECTING

Ambulatory follow-up of aortic dissection by transesophageal two-dimensional and color-coded Doppler echocardiography. Mohr-Kahaly S, et al. **Circulation** 1989 Jul;80(1):24–33
Misinterpretation of lung perfusion scan [letter] Chitkara RK, et al. **Crit Care Med** 1989 Jul;17(7):713–4

ANEURYSM, INFECTED

Mycotic aneurysm presenting as fever of unknown origin. Asthana S, et al. **West J Med** 1989 Jun;150(6):694–6

ANGINA PECTORIS

Papaverine-induced chest pain due to coronary vascular steal: demonstration with angiographic and intracoronary flow velocity measurements. Gudipati CV, et al. **Am Heart J** 1989 Aug;118(2):404–7
Left ventricular pseudoaneurysm presenting as unstable angina. Hui P, et al. **Am Heart J** 1989 Aug;118(2):400–2
Anomalous right coronary artery from the pulmonary artery presenting with angina and aneurysmal left ventricular dilatation. Mahdyoon H, et al. **Am Heart J** 1989 Jul; 118(1):182–4
Role of myocardial oxygen consumption in dipyridamole-induced ischemia. Picano E, et al. **Am Heart J** 1989 Aug;118(2):314–9
Antianginal and cardiac metabolic effects of low-dose glucose infusion during pacing in patients with and without coronary artery disease. Thomassen A, et al. **Am Heart J** 1989 Jul;118(1):25–32
Coronary morphology in unstable angina [letter] Ambrose JA. **Am J Cardiol** 1989 Jul 15;64(3):256
Percutaneous transluminal angioplasty of a totally occluded venous bypass graft: a challenge that should be resisted. de Feyter PJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):88–90
Early detection of myocardial ischemia by myocardial free fatty acid extraction in patients with exercise-induced angina pectoris. Kamihara S, et al. **Am J Cardiol** 1989 Jul 15;64(3):180–5
Long-term variability of angina pectoris and electrocardiographic signs of ischemia in syndrome X. Pupita G, et al. **Am J Cardiol** 1989 Jul 15;64(3):139–43
Comparison of atenolol and nifedipine in chronic stable angina pectoris. Shapiro W, et al. **Am J Cardiol** 1989 Jul 15;64(3):186–90
Usefulness of thallium-201 scintigraphy in predicting the development of angina pectoris in hypertensive patients with left ventricular hypertrophy. Tubau JF, et al. **Am J Cardiol** 1989 Jul 1;64(1):45–9
Prognostic value of intravenous dipyridamole thallium scintigraphy after an acute myocardial ischemic event. Younis LT, et al. **Am J Cardiol** 1989 Jul 15;64(3):161–6
Superior efficacy of propranolol versus nifedipine in double-component angina, as related to different influences on coronary vasomotility. DeCesare N, et al. **Am J Med** 1989 Jul;87(1):15–21
The metaraminol test and adverse cardiac effects [letter] Buades J, et al. **Ann Intern Med** 1989 Aug 1;111(3):259–60
Intracoronary thrombus and complex morphology in unstable angina. Relation to timing of angiography and in-hospital cardiac events. Freeman MR, et al. **Circulation** 1989 Jul; 80(1):17–23
Detection of diseased coronary artery by exercise ST-T maps in patients with effort angina pectoris, single-vessel disease, and normal ST-T wave on electrocardiogram at rest. Kubota I, et al. **Circulation** 1989 Jul;80(1):120–7
Antecedent angina: a predictor of residual stenosis after thrombolytic therapy. Bergelson BA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):91–5
Percutaneous excimer laser coronary angioplasty [letter] Litvack F, et al. **Lancet** 1989 Jul 8;2(8654):102–3
Intra-aortic balloon counterpulsation in high-risk cardiac patients undergoing noncardiac surgery. Grotz RL, et al. **Surgery** 1989 Jul;106(1):1–5

ANGINA PECTORIS, VARIANT

ST depression and elevation in vasospastic angina [letter] Santinelli V, et al. **Chest** 1989 Jul;96(1):222–3

ANGIOCARDIOGRAPHY

Transient atrioventricular block resulting from left ventricular angiography in infants with ventricular septal defect. Vermilion RP, et al. **Am J Cardiol** 1989 Jul 1; 64(1):128–30

ANGIOGRAPHY

A loop catheter for superselective catheterization of the hepatic artery. Ohno K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):296–8
Intra-arterial digital subtraction angiography in the evaluation of peripheral vascular trauma. Howard CA, et al. **Ann Surg** 1989 Jul;210(1):108–11
Intracoronary thrombus and complex morphology in unstable angina. Relation to timing of angiography and in-hospital cardiac events. Freeman MR, et al. **Circulation** 1989 Jul; 80(1):17–23
Stab wounds to the neck: role of angiography. Hartling RP, et al. **Radiology** 1989 Jul;172(1):79–82
Routine transbrachial angiography [letter] Millward SF. **Radiology** 1989 Aug;172(2):577

ANGIOPLASTY, TRANSLUMINAL

Comparison of coronary angioplasty with medical treatment for single- and double-vessel coronary disease with left anterior descending coronary involvement: long-term outcome based on an Emory-CASS registry study. Ellis SG, et al. **Am Heart J** 1989 Aug;118(2):208–20
Long-term follow-up of patients treated with coronary angioplasty for acute myocardial infarction. Kander NH, et al. **Am Heart J** 1989 Aug;118(2):228–33
Percutaneous transluminal angioplasty of a totally occluded venous bypass graft: a challenge that should be resisted. de Feyter PJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):88–90
Patient selection for percutaneous transluminal coronary angioplasty in acute myocardial infarction. King SB 3d. **Am J Cardiol** 1989 Jul 18;64(4):22B–24B
Transluminal laser angioplasty of the femoropopliteal circulation by use of a percutaneous popliteal approach. Leachman DR, et al. **Am J Cardiol** 1989 Jul 1;64(1):106–8
Magnum wire for balloon recanalization of chronic total coronary occlusions. Meier B, et al. **Am J Cardiol** 1989 Jul 15;64(3):148–54
Left main coronary angioplasty: early and late results of 127 acute and elective procedures. O'Keefe JH Jr, et al. **Am J Cardiol** 1989 Jul 15;64(3):144–7
Coronary artery thermal damage during percutaneous "hot tip" laser-assisted angioplasty. Rosenthal E, et al. **Am J Cardiol** 1989 Jul 1;64(1):116–20
Training for coronary angioplasty [letter] Mills P. **BMJ** 1989 May 13;298(6683):1310–1
Training in coronary angioplasty [letter] Wilde P. **BMJ** 1989 Apr 29;298(6681):1181
Percutaneous transluminal angioplasty of left internal mammary artery grafts: two years' experience with a femoral approach. Bell MR, et al. **Br Heart J** 1989 May; 61(5):417–20
Short- and long-term complications of coronary angioplasty [clinical conference] Lange RA, et al. **Chest** 1989 Jul; 96(1):151–7 (30 ref.)
PTCA in the elderly: results and expectations. Mills TJ, et al. **Geriatrics** 1989 Jul;44(7):71–2, 77–9 (11 ref.)
Carotid angioplasty techniques [letter] Theron J. **J Neurosurg** 1989 Aug;71(2):301
Emergency operation after failed angioplasty [letter] McKeever LS, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):151–2
Randomised trial of fish oil for prevention of restenosis after coronary angioplasty. Reis GJ, et al. **Lancet** 1989 Jul 22; 2(8656):177–81
Transcatheter treatment of congenital heart disease. Beekman RH, et al. **Prog Cardiovasc Dis** 1989 Jul-Aug;32(1):1–30 (110 ref.)
Pull-through approach to percutaneous angioplasty of totally occluded common iliac arteries. Ginsburg R, et al. **Radiology** 1989 Jul;172(1):111–3
Percutaneous excimer-laser and excimer-laser-assisted angioplasty of the lower extremities: results of initial clinical trial. Litvack F, et al. **Radiology** 1989 Aug; 172(2):331–5
Infrapopliteal and below-knee popliteal lesions: treatment with sole laser thermal angioplasty. Work in progress. Sanborn TA, et al. **Radiology** 1989 Jul;172(1):89–93
Low-speed rotational angioplasty in chronic peripheral artery occlusions: experience in 83 patients. Work in progress. Vallbracht C, et al. **Radiology** 1989 Aug; 172(2):327–30
Recanalization of total arterial occlusions with the Kensey dynamic angioplasty catheter. Wholey MH, et al. **Radiology** 1989 Jul;172(1):95–8

ANGIOTENSIN II

Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Shier DN, et al. **Endocrinology** 1989 Jul;125(1):486–91
Angiotensin II stimulates early proximal bicarbonate absorption in the rat by decreasing cyclic adenosine monophosphate. Liu FY, et al. **J Clin Invest** 1989 Jul; 84(1):83–91

ANGIOTENSIN-CONVERTING ENZYME INHIBITORS

Comparison of antihypertensive therapies by noninvasive techniques. Graettinger WF, et al. **Chest** 1989 Jul; 96(1):74–9
Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Shier DN, et al. **Endocrinology** 1989 Jul;125(1):486–91
ACE inhibitors in pregnancy [letter] **Lancet** 1989 Jul 8; 2(8654):96–7

ANILIDES

Flutamide for prostate cancer. **Med Lett Drugs Ther** 1989 Jul 28;31(797):72

Preliminary report: effect of encainide and flecainide on mortality in a randomized trial of arrhythmia suppression after myocardial infarction. The Cardiac Arrhythmia Suppression Trial (CAST) Investigators [see comment] **N Engl J Med** 1989 Aug 10;321(6):406–12. **Comment on:** N Engl J Med 1989 Aug 10;321(6): 386–8

The cardiac arrhythmia suppression trial (CAST) [editorial; comment] Ruskin JN. **N Engl J Med** 1989 Aug 10; 321(6):386–8. **Comment on:** N Engl J Med 1989 Aug 10;321(6):406–12

Death following withdrawal of encainide [letter] Thomas GS. **N Engl J Med** 1989 Aug 10;321(6):393

ANIMAL NUTRITION

Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342–50

Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351–6

The insulin-like growth factor-binding proteins of porcine serum: endocrine and nutritional regulation. McCusker RH, et al. **Endocrinology** 1989 Jul;125(1):501–9

ANIMALS, NEWBORN

Melatonin receptors in chick brain: characterization and localization. Rivkees SA, et al. **Endocrinology** 1989 Jul; 125(1):363–8

Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. **J Immunol** 1989 Jul 15;143(2):403–6

Murine natural suppressor cells in the newborn, in bone marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. Maier T, et al. **J Immunol** 1989 Jul 15;143(2):491–8

Neonatal model of heterotopic heart transplantation in pigs. Verrier ED, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):127–35; discussion 135–6

ANIMALS, SUCKLING

Experimental maternal and neonatal folate status relationships in nonhuman primates. Blocker DE, et al. **Am J Clin Nutr** 1989 Jul;50(1):120–8

ANKLE JOINT

Hemarthrosis of the ankle secondary to false aneurysm caused by impingement from an osteophyte. A case report. Ris HB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):935–7

Bilateral analysis of the knee and ankle during gait: an examination of the relationship between lateral dominance and symmetry. Gundersen LA, et al. **Phys Ther** 1989 Aug; 69(8):640–50

ANOPHELES

A general system of resistance to malaria infection in Anopheles gambiae controlled by two main genetic loci. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):585–92

Association of a Plasmodium-refractory phenotype with an esterase locus in Anopheles gambiae. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):593–7

ANOREXIA NERVOSA

Neurochemical abnormalities of anorexia nervosa and bulimia nervosa. Fava M, et al. **Am J Psychiatry** 1989 Aug; 146(8):963–71 (98 ref.)

New diagnostic criteria for anorexia: impact on UCLA study [letter] Adams CH. **J Am Diet Assoc** 1989 Jul;89(7):906, 909

ANOXEMIA

Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Vyas S, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):168–72

Effects of lung hyperinflation on mean arterial pressure and postsuctioning hypoxemia. Stone KS, et al. **Heart Lung** 1989 Jul;18(4):377–85

Polycythaemia due to hypoxaemia: advantage or disadvantage? **Lancet** 1989 Jul 1;2(8653):20–2 (224 ref.)

ANOXIA

Exercise and hypoxia increase sickling in venous blood from an exercising limb in individuals with sickle cell trait. Martin TW, et al. **Am J Med** 1989 Jul;87(1):48–56

Effect of endothelial injury on the responses of isolated guinea pig pulmonary venules to reduced oxygen tension. Tracey WR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):68–74

Mechanisms of hypoxic pulmonary vasoconstriction. Voelkel NF. **Am Rev Respir Dis** 1986 Jun;133(6):1186–95

The effects of acute hypoxia and hypercapnia on pulmonary mechanics in normal subjects and patients with chronic pulmonary disease. Parsons PE, et al. **Chest** 1989 Jul; 96(1):96–101

Prognostic significance of early clinical manifestations in postanoxic coma: a retrospective study of 58 patients resuscitated after prehospital cardiac arrest. Bertini G, et al. **Crit Care Med** 1989 Jul;17(7):627–33

Hypoxic pulmonary vasoconstrictor response with asymmetric oleic acid injury in the dog. Johnston WE, et al. **Crit Care Med** 1989 Jul;17(7):647–51

Low dose almitrine bismesylate improves pulmonary gas exchange during canine one-lung hypoxia. Takasaki M, et al. **Crit Care Med** 1989 Jul;17(7):661–5

Lidocaine in treatment of hypoxia [letter] Amyes EW. **J Neurosurg** 1989 Jul;71(1):153–4

Hypoxia and endotoxin induce macrophage-mediated suppression of fibroblast proliferation. Bankey P, et al. **J Trauma** 1989 Jul;29(7):972–9; discussion 979–80

ANTERIOR CHAMBER

The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. Ferguson TA, et al. **J Immunol** 1989 Aug 1;143(3):821–6

ANTERIOR EYE SEGMENT

Fixation of posterior chamber lenses by transscleral sutures: technique and preliminary results [letter] Grehn F, et al. **Arch Ophthalmol** 1989 Jul;107(7):954–5

Posterior chamber intraocular lens implantation in the absence of capsular support. Stark WJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):1078–83

ANTI-ANTIBODIES

Production of multiple lymphokines by the A20.1 B cell lymphoma after cross-linking of membrane Ig by immobilized anti-Ig. Justement LB, et al. **J Immunol** 1989 Aug 1;143(3):881–9

Induction of c-fos and c-myc expression during B cell activation by IL-4 and immunoglobulin binding ligands. Klemsz MJ, et al. **J Immunol** 1989 Aug 1;143(3):1032–9

ANTI-ARRHYTHMIA AGENTS

Antiarrhythmic agents and the danger of proarrhythmic events. Josephson ME. **Ann Intern Med** 1989 Jul 15; 111(2):101–3 (20 ref.)

Outpatient antiarrhythmic drug use from 1970 through 1986. Hine LK, et al. **Arch Intern Med** 1989 Jul;149(7):1524–7

Cardioprotective effects of various class I antiarrhythmic drugs in canine hearts. Hanaki Y, et al. **J Am Coll Cardiol** 1989 Jul;14(1):219–24

Arrhythmogenic effects of antiarrhythmic drugs: a study of 506 patients treated for ventricular tachycardia or fibrillation. Stanton MS, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):209–15; discussion 216–7

Preliminary report: effect of encainide and flecainide on mortality in a randomized trial of arrhythmia suppression after myocardial infarction. The Cardiac Arrhythmia Suppression Trial (CAST) Investigators [see comment] **N Engl J Med** 1989 Aug 10;321(6):406–12. **Comment on:** N Engl J Med 1989 Aug 10;321(6): 386–8

The cardiac arrhythmia suppression trial (CAST) [editorial; comment] Ruskin JN. **N Engl J Med** 1989 Aug 10; 321(6):386–8. **Comment on:** N Engl J Med 1989 Aug 10;321(6):406–12

Death following withdrawal of encainide [letter] Thomas GS. **N Engl J Med** 1989 Aug 10;321(6):393

ANTIBIOTICS

Topical antibiotics in high-riak biliary surgical patients [letter] Minnard EA. **Am J Surg** 1989 Jul;158(1):79

A model for cost evaluation of new antibiotics [letter] Feldman M, et al. **Arch Intern Med** 1989 Jul;149(7):1698

Reviewing the safe use of antibiotics in the elderly. Gleckman RA, et al. **Geriatrics** 1989 Jul;44(7):33–6, 39 (19 ref.)

Antibiotic overprescribing—quantity or quality? [letter] Mrazik TJ, et al. **JAMA** 1989 Jul 14;262(2):206

Antibiotics in endocarditis due to nutritionally deficient streptococci [letter] Stein DS, et al. **JAMA** 1989 Aug 4; 262(5):618

Efficacy of oral antibiotics following parenteral antibiotics for serious infections in obstetrics and gynecology [letter] Goodwin TM. **Obstet Gynecol** 1989 Aug;74(2):284–5

Treatment of Bacillus infections [letter] Barson WJ. **Pediatrics** 1989 Aug;84(2):403–4

ANTIBIOTICS, ANTIFUNGAL

Rapamycin for immunosuppression in organ allografting [letter] Calne RY, et al. **Lancet** 1989 Jul 22;2(8656):227

ANTIBIOTICS, COMBINED

A model for cost evaluation of new antibiotics [letter] Feldman M, et al. **Arch Intern Med** 1989 Jul;149(7):1698

ANTIBODIES

Antibodies to histones H1 and H5 in sera of patients with juvenile rheumatoid arthritis. Pauls JD, et al. **Arthritis Rheum** 1989 Jul;32(7):877–83

Characterization of polyclonal antibodies to preselected domains of the human estrogen receptor. Traish A, et al. **Endocrinology** 1989 Jul;125(1):172–9

Anti-peripheral nerve myelin antibodies in Guillain-Barre syndrome bind a neutral glycolipid of peripheral myelin and cross-react with Forssman antigen. Koski CL, et al. **J Clin Invest** 1989 Jul;84(1):280–7

Neuron-binding antibodies in Alzheimer's disease and Down's syndrome. Franceschi M, et al. **J Gerontol** 1989 Jul;44(4):M128–30

Liposome-associated tumor necrosis factor retains bioactivity in the presence of neutralizing anti-tumor necrosis factor antibodies. Debs RJ, et al. **J Immunol** 1989 Aug 15; 143(4):1192–7

Identification of the discontinuous epitope in human complement protein C9 recognized by anti-melittin antibodies. Laine RO, et al. **J Immunol** 1989 Jul 15; 143(2):553–7

Plasma exchange and the anticardiolipin syndrome in pregnancy [letter] Fulcher D, et al. **Lancet** 1989 Jul 15; 2(8655):171

ANTIBODIES, BACTERIAL

Detecting antimycobacterial antibodies [letter] Van Vooren JP, et al. **Chest** 1989 Jul;96(1):223–4

Five commercial enzyme linked immunosorbent assay kits for toxoplasma specific IgM antibody. Joynson DH, et al. **J Clin Pathol** 1989 Jun;42(6):653–7

Predominance of Borrelia burgdorferi specific B cells in cerebrospinal fluid in neuroborreliosis. Baig S, et al. **Lancet** 1989 Jul 8;2(8654):71–4

Adverse reactions and serologic response to a booster dose of acellular pertussis vaccine in children immunized with acellular or whole-cell vaccine as infants. Blennow M, et al. **Pediatrics** 1989 Jul;84(1):62–7

ANTIBODIES, HELMINTH

Immunity to larval Brugia malayi in BALB/c mice: protective immunity and inhibition of larval development. Abraham D, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):598–604

ANTIBODIES, MONOCLONAL

Predictive value of indium-111 antimyosin uptake for improvement of left ventricular wall motion after thrombolysis in acute myocardial infarction. van Vlies B, et al. **Am J Cardiol** 1989 Jul 15;64(3):167–71

Schistosoma mansoni antigens recognized in Biomphalaria glabrata hemolymph by monoclonal antibodies. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):605–12

Identification of snails infected with schistosomes by ELISA employing monoclonal antibodies: Schistosoma mansoni in laboratory snails (Biomphalaria glabrata) and in field snails (Biomphalaria pfeifferi) from Kenya. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):613–9

Detection of metastatic breast carcinoma with monoclonal antibodies to cytokeratins. Sedmak DD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):786–9

The clinical use of immunohistopathology [editorial] Hedfors E. **Br J Rheumatol** 1989 Aug;28(4):278–80

The value of immunoscintigraphy for the operative retreatment of colorectal cancer. Limitations of a new diagnostic method. Hölting T, et al. **Cancer** 1989 Aug 15; 64(4):830–3

Differential expression of the Lewis Y antigen defined by monoclonal antibody C14/1/46/10 in colonic polyps. Waldock A, et al. **Cancer** 1989 Jul 15;64(2):414–21

Autocrine growth factors as therapeutic targets in lung cancer. Mulshine JL, et al. **Chest** 1989 Jul;96(1 Suppl):31S–34S (26 ref.)

Monoclonal antibodies in lung cancer. Stahel RA. **Chest** 1989 Jul;96(1 Suppl):27S–29S (19 ref.)

Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Hwang JJ, et al. **Endocrinology** 1989 Jul; 125(1):260–6

Parietal cell autoantigens involved in neonatal thymectomy-induced murine autoimmune gastritis. Studies using monoclonal autoantibodies. Mori Y, et al. **Gastroenterology** 1989 Aug;97(2):364–75

A monoclonal antibody to von Willebrand factor (vWF) inhibits factor VIII binding. Localization of its antigenic determinant to a nonadecapeptide at the amino terminus of the mature vWF polypeptide. Bahou WF, et al. **J Clin Invest** 1989 Jul;84(1):56–61

Chronic blockade of endogenous atrial natriuretic polypeptide (ANP) by monoclonal antibody against ANP accelerates the development of hypertension in spontaneously hypertensive and deoxycorticosterone acetate-salt-hypertensive rats. Itoh H, et al. **J Clin Invest** 1989 Jul;84(1):145–54

Identification of antigens of Mycobacterium tuberculosis using human monoclonal antibodies. Wallis RS, et al.

J Clin Invest 1989 Jul;84(1):214–9
Monoclonal antibody inhibition of cholesteryl ester transfer protein activity in the rabbit. Effects on lipoprotein composition and high density lipoprotein cholesteryl ester metabolism. Whitlock ME, et al. J Clin Invest 1989 Jul; 84(1):129–37
IgG3 is the major source of cryoglobulins in mice. Abdelmoula M, et al. J Immunol 1989 Jul 15;143(2):526–32
Antibodies against a peptide representative of a conserved region of human IFN-alpha. Differential effects on the antiviral and antiproliferative effects of IFN. Barasoain I, et al. J Immunol 1989 Jul 15;143(2):507–12
The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. Barton RW, et al. J Immunol 1989 Aug 15;143(4):1278–82
Human leukocyte differentiation antigens [letter] Bernard A, et al. J Immunol 1989 Aug 1;143(3):1073
Molecular analysis and fine specificity of antibodies against an organophosphorus hapten. Buenafe AC, et al. J Immunol 1989 Jul 15;143(2):539–45
Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. Chen JJ, et al. J Immunol 1989 Aug 1; 143(3):1053–7
Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. Cole JA, et al. J Immunol 1989 Jul 15;143(2):397–402
Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. J Immunol 1989 Jul 15;143(2):403–6
Identification of a human natural killer cell target cell antigen with monoclonal antibodies. Harris DT, et al. J Immunol 1989 Jul 15;143(2):727–35
The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. Katz JD, et al. J Immunol 1989 Aug 15;143(4):1387–95
Effects of treatment with IL-2 receptor specific monoclonal antibody in mice. Inhibition of cytotoxic T cell responses but not of T help. Leist TP, et al. J Immunol 1989 Jul 15;143(2):628–32
Amastigote and epimastigote stage-specific components of Trypanosoma cruzi characterized by using monoclonal antibodies. Purification and molecular characterization of an 83-kilodalton amastigote protein. Pan AA, et al. J Immunol 1989 Aug 1;143(3):1001–8
In-vivo anti-CD3 treatment of autoimmune patients [letter] Chatenoud L, et al. Lancet 1989 Jul 15;2(8655):164
Staging of carcinoma of the breast using a hand-held gamma detecting probe and monoclonal antibody B72.3. Nieroda CA, et al. Surg Gynecol Obstet 1989 Jul;169(1):35–40
Monoclonal antibodies in the diagnosis and treatment of carcinoma of the breast. Sterns EE, et al. Surg Gynecol Obstet 1989 Jul;169(1):81–98 (229 ref.)

ANTIBODIES, PROTOZOAN

Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. Kara U, et al. J Immunol 1989 Aug 15;143(4):1334–9
Dual action of anti-sporozoite antibodies in vitro. Nudelman S, et al. J Immunol 1989 Aug 1;143(3):996–1000

ANTIBODIES, VIRAL

Effect of intravenously administered immune globulin on functional antibody to herpes simplex virus in low birth weight neonates. Kohl S, et al. J Pediatr 1989 Jul; 115(1):135–9
The influence of HIV infection on antibody responses to a two-dose regimen of influenza vaccine. Miotti PG, et al. JAMA 1989 Aug 11;262(6):779–83

ANTIBODY AFFINITY

Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. van de Winkel JG, et al. J Immunol 1989 Jul 15;143(2):571–8

ANTIBODY-DEPENDENT CELL CYTOTOXICITY

Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. J Immunol 1989 Aug 15;143(4):1318–26

ANTIBODY FORMATION

Differences in humoral insulin-antibody response among inbred Lou/M rats and epitope presentation differences in ELISA and radioimmune titration. Arquilla ER, et al. Diabetes 1989 Jul;38(7):868–73
The immunogenicity of soluble haptenated polymers is determined by molecular mass and hapten valence. Dintzis RZ, et al. J Immunol 1989 Aug 15;143(4):1239–44
Antigenicity of dextran-protein conjugates in mice. Effect of molecular weight of the carbohydrate and comparison of two modes of coupling. Seppälä I, et al. J Immunol 1989 Aug 15;143(4):1259–64

ANTIBODY-PRODUCING CELLS

Induction of antigen-specific IgA-forming cells in the upper respiratory mucosa. Watanabe N, et al. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):523–9

ANTIBODY SPECIFICITY

High antibody levels against mouse laminin with specificity for galactosyl-(alpha 1-3)galactose in patients with inner ear diseases. Klein R, et al. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):537–42
Site-specific antibodies distinguish single amino acid substitutions in position 57 in HLA-DQ beta-chain alleles associated with insulin-dependent diabetes. Atar D, et al. J Immunol 1989 Jul 15;143(2):533–8
Molecular analysis and fine specificity of antibodies against an organophosphorus hapten. Buenafe AC, et al. J Immunol 1989 Jul 15;143(2):539–45

ANTIBODY-TOXIN CONJUGATES

Rationale for immunotoxin therapy of metastatic prostate carcinoma formatted as a multi-stage delivery system. Webb KS, et al. J Urol 1989 Aug;142(2):425–32

ANTICOAGULANTS

Comparison between videotape and personalized patient education for anticoagulant therapy. Stone S, et al. J Fam Pract 1989 Jul;29(1):55–7
Subdural hematoma in patients with systemic cancer. Minette SE, et al. Mayo Clin Proc 1989 Jun;64(6):637–42
Differing mechanisms of clotting inhibition by ionic and nonionic contrast agents. Ing JJ, et al. Radiology 1989 Aug; 172(2):345–8
Spontaneous subclavain vein thrombosis: a successful combined approach of local thrombolytic therapy followed by first rib resection [letter] Kunkel JM, et al. Surgery 1989 Jul;106(1):114

ANTICONVULSANTS

Inhibition of human liver microsomal epoxide hydrolase by valproate and valpromide: in vitro/in vivo correlation. Kerr BM, et al. Clin Pharmacol Ther 1989 Jul;46(1):82–93
Oxcarbazepine. Lancet 1989 Jul 22;2(8656):196–8 (25 ref.)

ANTIDEPRESSIVE AGENTS

Chocolate: pleasure or pain? [letter] Rakatansky H. Am J Psychiatry 1989 Aug;146(8):1089

ANTIDEPRESSIVE AGENTS, TRICYCLIC

Elevated antidepressant plasma levels after addition of fluoxetine. Aranow AB, et al. Am J Psychiatry 1989 Jul; 146(7):911–3

ANTIDIARRHEALS

Clinical trial of clonidine hydrochloride as an antisecretory agent in cholera. Rabbani GH, et al. Gastroenterology 1989 Aug;97(2):321–5

ANTIFUNGAL AGENTS

Fluconazole and phenytoin: a predictable interaction. Mitchell AS, et al. BMJ 1989 May 13;298(6683):1315
Interaction of fluconazole with cyclosporin [letter] Ehninger G, et al. Lancet 1989 Jul 8;2(8654):104–5

ANTIGEN-ANTIBODY COMPLEX

Studies in the pathogenesis of rheumatoid arthritis. 2: Antigen/antibody reactions with avascular joint tissues. Cooke TD, et al. Br J Rheumatol 1989 Aug;28(4):333–40 (64 ref.)

ANTIGEN-ANTIBODY REACTIONS

Do autoantibodies inhibit function of their cognate antigens in vivo? [editorial] Tan EM. Arthritis Rheum 1989 Jul; 32(7):924–5
Identification of the discontinuous epitope in human complement protein C9 recognized by anti-melittin antibodies. Laine RO, et al. J Immunol 1989 Jul 15; 143(2):553–7

ANTIGEN-PRESENTING CELLS

Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. J Immunol 1989 Aug 15;143(4):1318–26
Human T cell clones present antigen. Hewitt CR, et al. J Immunol 1989 Jul 15;143(2):762–9
Stable association of processed antigen with antigen-presenting cell membranes. Jensen PE. J Immunol 1989 Jul 15;143(2):420–5
Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. J Immunol 1989 Jul 15; 143(2):446–51

ANTIGENIC DETERMINANTS

Identification of continuous epitopes of the envelope glycoprotein of dengue type 2 virus. Innis BL, et al. Am J Trop Med Hyg 1989 Jun;40(6):676–87
High antibody levels against mouse laminin with specificity for galactosyl-(alpha 1-3)galactose in patients with inner ear diseases. Klein R, et al. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):537–42
Reactivity of antinuclear antibodies with histones and other antigens in juvenile rheumatoid arthritis. Malleson P, et al. Arthritis Rheum 1989 Jul;32(7):919–23
Differences in humoral insulin-antibody response among inbred Lou/M rats and epitope presentation differences in ELISA and radioimmune titration. Arquilla ER, et al. Diabetes 1989 Jul;38(7):868–73
A monoclonal antibody to von Willebrand factor (vWF) inhibits factor VIII binding. Localization of its antigenic determinant to a nonadecapeptide at the amino terminus of the mature vWF polypeptide. Bahou WF, et al. J Clin Invest 1989 Jul;84(1):56–61
Three point mutations in the factor IX genes of five hemophilia B patients. Identification strategy using localization by altered epitopes in their hemophilic proteins. Chen SH, et al. J Clin Invest 1989 Jul;84(1):113–8
Hydrolysis of inositol phospholipids induced by stimulation of the T cell antigen receptor complex in antigen-specific, murine helper T cell clones. Requirement for exogenous calcium. Bonvini E, et al. J Immunol 1989 Jul 15; 143(2):587–95
Fine specificity of T cell recognition of the same peptide in association with different I-A molecules. Brett SJ, et al. J Immunol 1989 Aug 1;143(3):771–9
Analysis of epitope expression and the functional repertoire of recombinant complement receptor 2 (CR2/CD21) in mouse and human cells. Carel JC, et al. J Immunol 1989 Aug 1;143(3):923–30
The immunogenicity of soluble haptenated polymers is determined by molecular mass and hapten valence. Dintzis RZ, et al. J Immunol 1989 Aug 15;143(4):1239–44
Identification of the discontinuous epitope in human complement protein C9 recognized by anti-melittin antibodies. Laine RO, et al. J Immunol 1989 Jul 15; 143(2):553–7
An antigen-specific hypersensitivity which does not fit into traditional classification of hypersensitivity. Lei HY, et al. J Immunol 1989 Jul 15;143(2):432–8
Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T cell clones isolated in IL-4. Paliard X, et al. J Immunol 1989 Jul 15;143(2):452–7
Neutralization-sensitive epitopes are exposed on the surface of infectious Cryptosporidium parvum sporozoites. Riggs MW, et al. J Immunol 1989 Aug 15;143(4):1340–5
Specific molecular interaction between the insulin receptor and a D product of MHC class I. Verland S, et al. J Immunol 1989 Aug 1;143(3):945–51

ANTIGENS

New serum indicator of interstitial pneumonitis activity. Sialylated carbohydrate antigen KL-6. Kohno N, et al. Chest 1989 Jul;96(1):68–73
Immunologic control of a parasitic arthropod. Identification of a protective antigen from Boophilus microplus. Willadsen P, et al. J Immunol 1989 Aug 15;143(4):1346–51
Protease antigens from house dust mite [letter] Stewart GA, et al. Lancet 1989 Jul 15;2(8655):154–5

ANTIGENS, BACTERIAL

Identification and characterization of an endoflagellar antigen of Borrelia burgdorferi. Coleman JL, et al. J Clin Invest 1989 Jul;84(1):322–30
Identification of antigens of Mycobacterium tuberculosis using human monoclonal antibodies. Wallis RS, et al. J Clin Invest 1989 Jul;84(1):214–9
Yersinia antigens in reactive arthritis [letter] N Engl J Med 1989 Jul 20;321(3):189–90

ANTIGENS, DIFFERENTIATION

Are pancarcinoma T and Tn differentiation antigens? Barr N, et al. Cancer 1989 Aug 15;64(4):834–41
Human leukocyte differentiation antigens [letter] Bernard A, et al. J Immunol 1989 Aug 1;143(3):1073
Transitions from high to low molecular weight isoforms of CD45 (T200) involve rapid activation of alternate mRNA splicing and slow turnover of surface CD45R. Deans JP, et al. J Immunol 1989 Aug 15;143(4):1233–8
Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. J Immunol 1989 Aug 15;143(4):1318–26
Production of lymphokine mRNA by CD45R+ and CD45R- helper T cells from human peripheral blood and

by human CD4+ T cell clones. Salmon M, et al. **J Immunol** 1989 Aug 1;143(3):907–12
Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274–7
Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. van de Winkel JG, et al. **J Immunol** 1989 Jul 15;143(2):571–8

ANTIGENS, DIFFERENTIATION, B LYMPHOCYTE

Analysis of epitope expression and the functional repertoire of recombinant complement receptor 2 (CR2/CD21) in mouse and human cells. Carel JC, et al. **J Immunol** 1989 Aug 1;143(3):923–30
Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. **J Immunol** 1989 Aug 15;143(4):1087–93
Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily. Tedder TF, et al. **J Immunol** 1989 Jul 15;143(2):712–7

ANTIGENS, DIFFERENTIATION, T LYMPHOCYTE

CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. Kawa-Ha K, et al. **J Clin Invest** 1989 Jul;84(1):51–5
Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. **J Immunol** 1989 Aug 15;143(4):1087–93
Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. Cole JA, et al. **J Immunol** 1989 Jul 15;143(2):397–402
IL-1 induces high affinity IL-2 receptor expression of CD4-8- thymocytes. Falk W, et al. **J Immunol** 1989 Jul 15;143(2):513–7
A new murine CD4+ T cell subset with an unrestricted cytokine profile. Firestein GS, et al. **J Immunol** 1989 Jul 15;143(2):518–25
Anti-Qa-2-induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. Hahn AB, et al. **J Immunol** 1989 Jul 15; 143(2):407–13
Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6-specific proliferative stimulus in Mlsa mice. Howe RC, et al. **J Immunol** 1989 Aug 1;143(3):793–7
Functional alterations of herpes simplex virus-specific CD4+ multifunctional T cell clones following infection with human T lymphotropic virus type I. Inatsuki A, et al. **J Immunol** 1989 Aug 15;143(4):1327–33
Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149–54
Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. Marano N, et al. **J Immunol** 1989 Aug 1;143(3):931–8
Analysis of the functional capabilities of CD3+CD4-CD8- and CD3+CD4+CD8+ human T cell clones. Patel SS, et al. **J Immunol** 1989 Aug 15;143(4):1108–17
Mechanisms maintaining antibody-induced enhancement of allografts. II. Mediation of specific suppression by short lived CD4+ T cells. Pearce NW, et al. **J Immunol** 1989 Jul 15;143(2):499–506
Production of lymphokine mRNA by CD45R+ and CD45R- helper T cells from human peripheral blood and by human CD4+ T cell clones. Salmon M, et al. **J Immunol** 1989 Aug 1;143(3):907–12
Cloned natural suppressor cell lines express the CD3+CD4-CD8- surface phenotype and the alpha, beta heterodimer of the T cell antigen receptor. Strober S, et al. **J Immunol** 1989 Aug 15;143(4):1118–22
T cell activation via Leu-23 (CD69). Testi R, et al. **J Immunol** 1989 Aug 15;143(4):1123–8
CD8+CD4- lymphocyte lines can harbor the AIDS virus in vitro. Tsubota H, et al. **J Immunol** 1989 Aug 1; 143(3):858–63
In-vivo anti-CD3 treatment of autoimmune patients [letter] Chatenoud L, et al. **Lancet** 1989 Jul 15;2(8655):164
Novel T-lymphocyte population in combined immunodeficiency with features of graft-versus-host disease. Wirt DP, et al. **N Engl J Med** 1989 Aug 10; 321(6):370–4

ANTIGENS, HELMINTH

Identification of snails infected with schistosomes by ELISA employing monoclonal antibodies: Schistosoma mansoni in laboratory snails (Biomphalaria glabrata) and in field snails (Biomphalaria pfeifferi) from Kenya. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):613–9
Schistosoma mansoni antigens recognized in Biomphalaria glabrata hemolymph by monoclonal antibodies. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):605–12
Characteristics of protective immunity in mice induced by drug-attenuated larvae of Schistosoma mansoni. Antigen localization and antibody responses. Mountford AP, et al. **J Immunol** 1989 Aug 1;143(3):989–95

ANTIGENS, LY

Activation of T lymphocytes through the Ly-6 pathway is defective in A strain mice. Malek TR, et al. **J Immunol** 1989 Jul 15;143(2):439–45

ANTIGENS, NEOPLASM

Are pancarcinoma T and Tn differentiation antigens? Barr N, et al. **Cancer** 1989 Aug 15;64(4):834–41
The use of serum TA-4 in monitoring patients with malignant transformation of ovarian mature cystic teratoma. Kimura T, et al. **Cancer** 1989 Jul 15;64(2):480–3
The use of oncofetal ferritin-bearing lymphocytes as a marker for the screening, diagnosis, and follow-up of patients with early breast malignancy screening of 3400 women. Moroz C, et al. **Cancer** 1989 Aug 1;64(3):691–7
Monoclonal antibodies in lung cancer. Stahel RA. **Chest** 1989 Jul;96(1 Suppl):27S–29S (19 ref.)
Lymphocytes generated by in vivo priming and in vitro sensitization demonstrate therapeutic efficacy against a murine tumor that lacks apparent immunogenicity. Shu SY, et al. **J Immunol** 1989 Jul 15;143(2):740–8
Identification of residual cancer in the prostate following radiation therapy: role of transrectal ultrasound guided biopsy and prostate specific antigen. Kabalin JN, et al. **J Urol** 1989 Aug;142(2):326–31

ANTIGENS, PROTOZOAN

Cross-reacting antigens to Pc96, a protective antigen of Plasmodium chabaudi, in P. falciparum, P. vivax, and P. cynomolgi. Wanidworanun C, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):579–84
Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. Kara U, et al. **J Immunol** 1989 Aug 15;143(4):1334–9
Amastigote and epimastigote stage-specific components of Trypanosoma cruzi characterized by using monoclonal antibodies. Purification and molecular characterization of an 83-kilodalton amastigote protein. Pan AA, et al. **J Immunol** 1989 Aug 1;143(3):1001–8
Neutralization-sensitive epitopes are exposed on the surface of infectious Cryptosporidium parvum sporozoites. Riggs MW, et al. **J Immunol** 1989 Aug 15;143(4):1340–5
Cell-mediated immune responses to vaccine peptides derived from the circumsporozoite protein of Plasmodium falciparum. Russo DM, et al. **J Immunol** 1989 Jul 15; 143(2):655–9
Expression of the major surface glycoprotein of Leishmania donovani chagasi in virulent and attenuated promastigotes. Wilson ME, et al. **J Immunol** 1989 Jul 15;143(2):678–84

ANTIGENS, SURFACE

A case of CD3+, CD4-, CD8-, WT31- acute T-cell leukemia. Sunisloe LL, et al. **Am J Clin Pathol** 1989 Jul; 92(1):115–9
Identification of an autoantibody to vascular endothelial cell-specific antigens in patients with systemic vasculitis. Brasile L, et al. **Am J Med** 1989 Jul;87(1):74–80
Cross-reacting antigens to Pc96, a protective antigen of Plasmodium chabaudi, in P. falciparum, P. vivax, and P. cynomolgi. Wanidworanun C, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):579–84
Monoclonal antibodies in lung cancer. Stahel RA. **Chest** 1989 Jul;96(1 Suppl):27S–29S (19 ref.)
The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. Barton RW, et al. **J Immunol** 1989 Aug 15;143(4):1278–82
Identification of a human natural killer cell target cell antigen with monoclonal antibodies. Harris DT, et al. **J Immunol** 1989 Jul 15;143(2):727–35
CD44 contributes to T cell activation. Huet S, et al. **J Immunol** 1989 Aug 1;143(3):798–801
Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. Kara U, et al. **J Immunol** 1989 Aug 15;143(4):1334–9
Induction of cell surface expression of HLA antigens by human IFN-gamma encoded by recombinant vaccinia virus. Kohonen-Corish MR, et al. **J Immunol** 1989 Jul 15; 143(2):623–7
Identification of a widely distributed 90-kDa glycoprotein that is homologous to the Hermes-1 human lymphocyte homing receptor. Pals ST, et al. **J Immunol** 1989 Aug 1; 143(3):851–7
Amastigote and epimastigote stage-specific components of Trypanosoma cruzi characterized by using monoclonal antibodies. Purification and molecular characterization of an 83-kilodalton amastigote protein. Pan AA, et al. **J Immunol** 1989 Aug 1;143(3):1001–8
Neutralization-sensitive epitopes are exposed on the surface of infectious Cryptosporidium parvum sporozoites. Riggs MW, et al. **J Immunol** 1989 Aug 15;143(4):1340–5
Cell-mediated immune responses to vaccine peptides derived from the circumsporozoite protein of Plasmodium falciparum. Russo DM, et al. **J Immunol** 1989 Jul 15; 143(2):655–9
A murine T lymphocyte antigen belongs to a supergene family of type II integral membrane proteins. Yokoyama WM, et al. **J Immunol** 1989 Aug 15;143(4):1379–86
Phenotype and function of Japanese adult T-cell leukaemia cells [letter] Imamura N, et al. **Lancet** 1989 Jul 22; 2(8656):214

ANTIGENS, T-INDEPENDENT

Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. **J Immunol** 1989 Jul 15;143(2):403–6

ANTIGENS, TUMOR-ASSOCIATED, CARBOHYDRATE

The serologic marker CA 19-9 and pancreatic cancer [letter] Nardone DA. **Ann Intern Med** 1989 Jul 15;111(2):184–5

ANTIGENS, VIRAL

Viral antigen stimulation of the production of human monokines capable of regulating HIV1 expression. Clouse KA, et al. **J Immunol** 1989 Jul 15;143(2):470–5
Human T cell clones present antigen. Hewitt CR, et al. **J Immunol** 1989 Jul 15;143(2):762–9
Functional alterations of herpes simplex virus-specific CD4+ multifunctional T cell clones following infection with human T lymphotropic virus type I. Inatsuki A, et al. **J Immunol** 1989 Aug 15;143(4):1327–33
Differential effects of amino acid substitutions in the beta-sheet floor and alpha-2 helix of HLA-A2 on recognition by alloreactive viral peptide-specific cytotoxic T lymphocytes. Mattson DH, et al. **J Immunol** 1989 Aug 15;143(4):1101–7

ANTIGENS, VIRAL, TUMOR

Are pancarcinoma T and Tn differentiation antigens? Barr N, et al. **Cancer** 1989 Aug 15;64(4):834–41

ANTIHYPERTENSIVE AGENTS

Effectiveness of doxazosin in systemic hypertension. Ames RP, et al. **Am J Cardiol** 1989 Jul 15;64(3):203–8
Do antihypertensive drugs precipitate diabetes in predisposed men? Skarfors ET, et al. **BMJ** 1989 Apr 29; 298(6681):1147–52

ANTI-INFECTIVE AGENTS

Mineralocorticoid deficiency in HIV infection [letter] Murphy CE, et al. **BMJ** 1989 Apr 29;298(6681):1181

ANTI-INFLAMMATORY AGENTS, NON-STEROIDAL

Sensitivity of a health status measure to short-term clinical changes in arthritis. Anderson JJ, et al. **Arthritis Rheum** 1989 Jul;32(7):844–50
Controversies in the detection and management of nonsteroidal antiinflammatory drug-induced side effects of the upper gastrointestinal tract. Barrier CH, et al. **Arthritis Rheum** 1989 Jul;32(7):926–32
Increased renal tubular cell excretion by patients receiving chronic therapy with gold and with nonsteroidal anti-inflammatory drugs. Ganley CJ, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):51–5
Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Stein BE, et al. **Gastroenterology** 1989 Aug;97(2):278–83

ANTI-INFLAMMATORY AGENTS, STEROIDAL

Perceived dangers from intraspinal steroid injections [letter] Abram SE. **Arch Neurol** 1989 Jul;46(7):719–21
Safety of intrathecal steroids in multiple sclerosis [letter] Rivera VM. **Arch Neurol** 1989 Jul;46(7):718–9
Dangers from methylprednisolone acetate therapy by intraspinal injection [letter] Wilkinson H. **Arch Neurol** 1989 Jul;46(7):721–2
Regulation of human basophil mediator release by cytokines. I. Interaction with antiinflammatory steroids. Schleimer RP, et al. **J Immunol** 1989 Aug 15;143(4):1310–7

ANTILYMPHOCYTE SERUM

Anti-Qa-2-induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. Hahn AB, et al. **J Immunol** 1989 Jul 15; 143(2):407–13
Postpartum immunologic-mediated pulmonary edema associated with transfusion of blood containing an anti-B-lymphocyte antibody. Newman RS, et al. **West J Med** 1989 May;150(5):584–6

ANTIMALARIALS

From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184

Pruritus and antimalarial drugs in Africans [letter] Sowunmi A, et al. **Lancet** 1989 Jul 22;2(8656):213

ANTINEOPLASTIC AGENTS

Should we intensify the treatment of small cell lung cancer? Aisner J. **Chest** 1989 Jul;96(1 Suppl):64S–66S (27 ref.)
Innovative chemotherapy. Xenografts and in vitro drug sensitivity testing. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):56S–59S (18 ref.)
Chemoprevention of lung cancer. Problems and progress. Greenwald P, et al. **Chest** 1989 Jul;96(1 Suppl):14S–17S (11 ref.)
New treatments for small cell lung cancer. When to test. Smith IE. **Chest** 1989 Jul;96(1 Suppl):59S–61S (14 ref.)
Carboplatin or cisplatin? [letter] Pinkerton CR, et al. **Lancet** 1989 Jul 15;2(8655):161
Reducing the cost of the cure in childhood leukemia [editorial; comment] Civin CI. **N Engl J Med** 1989 Jul 20; 321(3):185–7. **Comment on:. Comment on:** N Engl J Med 1989 Jul 20;321(3):136–42 N Engl J Med 1989 Jul 20;321(3):143–51
Behavioral distress in pediatric patients with cancer receiving chemotherapy. Dolgin MJ, et al. **Pediatrics** 1989 Jul; 84(1):103–10
The effect of photodynamic therapy on tumor oxygenation. Reed MW, et al. **Surgery** 1989 Jul;106(1):94–9

ANTINEOPLASTIC AGENTS, COMBINED

Pulmonary Kaposi's sarcoma: clinical findings and results of therapy. Gill PS, et al. **Am J Med** 1989 Jul;87(1):57–61
Analysis of treatment failure patterns. A Southwest Oncology Group Study. Schuller DE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):834–6
Tumor lysis syndrome in nonhematopoietic neoplasms. Barton JC. **Cancer** 1989 Aug 1;64(3):738–40
A new combination chemotherapy for advanced chronic lymphocytic leukemia (vincristine, cyclophosphamide, melphalan, peptichemio, and prednisone protocol). Ferrara F, et al. **Cancer** 1989 Aug 15;64(4):789–92
Secondary acute myelocytic leukemia after adjuvant therapy for early-stage breast carcinoma. A new complication of cyclophosphamide, methotrexate, and 5-fluorouracil therapy. Geller RB, et al. **Cancer** 1989 Aug 1;64(3):629–34
Results of regional isolation perfusion with cytostatics in patients with soft tissue tumors of the extremities. Klaase JM, et al. **Cancer** 1989 Aug 1;64(3):616–21
Intermediate-dose methotrexate and cisplatin in the treatment of advanced epidermoid esophageal carcinoma. Response rate and disease-free survival. Saikia TK, et al. **Cancer** 1989 Jul 15;64(2):371–3
Experience with the management of primary endodermal sinus tumor of the mediastinum. Sham JS, et al. **Cancer** 1989 Aug 1;64(3):756–61
Cisplatin, 5-fluorouracil, mitomycin C, and concurrent radiation therapy with and without esophogectomy for esophageal carcinoma. Stewart FM, et al. **Cancer** 1989 Aug 1;64(3):622–8
Report of the IASLC Le Havre Workshop. Arriagada R, et al. **Chest** 1989 Jul;96(1 Suppl):82S–83S
Optimum duration of treatment with combination chemotherapy for small cell lung cancer. Cullen MH. **Chest** 1989 Jul;96(1 Suppl):62S–64S (7 ref.)
Adjuvant therapy for non-small cell lung cancer. Evans WK. **Chest** 1989 Jul;96(1 Suppl):87S–91S (29 ref.)
Report on the IASLC Le Havre Workshop on combined modality treatment in small cell lung cancer. Le Chevalier T, et al. **Chest** 1989 Jul;96(1 Suppl):73S–74S
Combined modality treatment of small cell lung cancer. Salazar OM. **Chest** 1989 Jul;96(1 Suppl):74S–78S (26 ref.)
Chemotherapy of small cell lung cancer. Smyth JF. **Chest** 1989 Jul;96(1 Suppl):61S–62S (6 ref.)
High-dose chemotherapy in lung cancer. Souhami RL. **Chest** 1989 Jul;96(1 Suppl):66S–68S (13 ref.)
Neoadjuvant vindesine, etoposide, and cisplatin for locally advanced non-small cell lung cancer. Final report of a phase 2 study. Vokes EE, et al. **Chest** 1989 Jul;96(1):110–3
Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. Chen JJ, et al. **J Immunol** 1989 Aug 1; 143(3):1053–7
Randomized trial of three chemotherapy regimens and two radiotherapy regimens and two radiotherapy regimens in postoperative treatment of malignant glioma. Brain Tumor Cooperative Group Trial 8001. Shapiro WR, et al. **J Neurosurg** 1989 Jul;71(1):1–9
M-VAC (methotrexate, vinblastine, doxorubicin and cisplatin) chemotherapy for transitional cell carcinoma: the Princess Margaret Hospital experience. Tannock I, et al. **J Urol** 1989 Aug;142(2):289–92

ANTINUCLEAR FACTORS

Adverse reactions to griseofulvin in patients with circulating anti-SSA/Ro and SSB/La autoantibodies. Miyagawa S, et al. **Am J Med** 1989 Jul;87(1):100–2
A model for disease heterogeneity in systemic lupus erythematosus. Relationships between histocompatibility antigens, autoantibodies, and lymphopenia or renal disease. Harley JB, et al. **Arthritis Rheum** 1989 Jul;32(7):826–36
Reactivity of antinuclear antibodies with histones and other antigens in juvenile rheumatoid arthritis. Malleson P, et al. **Arthritis Rheum** 1989 Jul;32(7):919–23
Photosensitivity and anti-Ro (SS-A) antibodies in black patients with systemic lupus erythematosus (SLE). Sutej PG, et al. **Br J Rheumatol** 1989 Aug;28(4):321–4
Biochemical and immunological heterogeneity of the Ro ribonucleoprotein particles. Analysis with sera specific for the RohY5 particle. Boire G, et al. **J Clin Invest** 1989 Jul; 84(1):270–9
Analysis of variable region genes encoding a human anti-DNA antibody of normal origin. Implications for the molecular basis of human autoimmune responses. Cairns E, et al. **J Immunol** 1989 Jul 15;143(2):685–91

ANTIOXIDANTS

Prevention of postischemic cardiac injury by the orally active iron chelator 1,2-dimethyl-3-hydroxy-4-pyridone (L1) and the antioxidant (+)-cyanidanol-3. van der Kraaij AM, et al. **Circulation** 1989 Jul;80(1):158–64

ANTIPYRINE

Effect of inhibiting prostaglandin synthesis in pregnant sheep with 4-aminoantipyrine under normothermic and hyperthermic conditions. Andrianakis P, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):241–7

ANTITUBERCULAR AGENTS

Psychosis and anti-tuberculosis therapy [letter] Ball R, et al. **Lancet** 1989 Jul 8;2(8654):105

ANTI-ULCER AGENTS

The interaction of the prostaglandin E derivative rioprostil with oral anticoagulant agents. Thijssen HH, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):110–6
Effects of NC-1300, a gastric proton pump inhibitor, on healing of acetic acid-induced gastric ulcers in rats. Okabe S, et al. **Dig Dis Sci** 1989 Jul;34(7):1035–42

ANTIVIRAL AGENTS

From the Food and Drug Administration. Nightingale SC. **JAMA** 1989 Aug 11;262(6):740
Molecular targets of antiviral therapy. Crumpacker CS 2d. **N Engl J Med** 1989 Jul 20;321(3):163–72 (101 ref.)

ANUS

Human papillomavirus DNA determination of anal condylomata, dysplasias, and squamous carcinomas with in situ hybridization. Duggan MA, et al. **Am J Clin Pathol** 1989 Jul;92(1):16–21
Prevalence of reflex anal dilatation [letter] **BMJ** 1989 Apr 29;298(6681):1179
Prevalence of reflex anal dilatation [letter] Fletcher HJ, et al. **BMJ** 1989 May 13;298(6683):1312
Sequelae of internal sphincterotomy for chronic fissure in ano. Khubchandani IT, et al. **Br J Surg** 1989 May; 76(5):431–4
Salmonella infection after ileoanal anastomosis [letter] Kusunoki M, et al. **Lancet** 1989 Jul 8;2(8654):113
Anogenital trauma in sexually abused children. Finkel MA. **Pediatrics** 1989 Aug;84(2):317–22

ANUS, IMPERFORATE

VATER association. A unifying concept of multiple anomalies. Beals RK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):948–50 (21 ref.)

ANUS NEOPLASMS

Human papillomavirus DNA determination of anal condylomata, dysplasias, and squamous carcinomas with in situ hybridization. Duggan MA, et al. **Am J Clin Pathol** 1989 Jul;92(1):16–21

ANXIETY

Relapse and rebound following discontinuation of benzodiazepine treatment of panic attacks: alprazolam versus diazepam. Roy-Byrne PP, et al. **Am J Psychiatry** 1989 Jul;146(7):860–5
Anxiety and informed consent [letter] Baczkowski AJ. **Anaesthesia** 1989 May;44(5):446
Daycase anaesthesia and anxiety. A study of anxiety profiles amongst patients attending a day bed unit. Mackenzie JW. **Anaesthesia** 1989 May;44(5):437–40
Symptomatic mitral valve prolapse in children and adolescents: catecholamines, anxiety, and biofeedback. Smith MS, et al. **Pediatrics** 1989 Aug;84(2):290–5

ANXIETY DISORDERS

Prodromal symptoms in panic disorder [letter] **Am J Psychiatry** 1989 Aug;146(8):1084–5
Panic attacks in young adolescents. Hayward C, et al. **Am J Psychiatry** 1989 Aug;146(8):1061–2
Symptoms and treatment responses of generalized anxiety disorder patients with high versus low levels of cardiovascular complaints. Hoehn-Saric R, et al. **Am J Psychiatry** 1989 Jul;146(7):854–9
Responses to hypercarbia induced by acetazolamide in panic disorder patients. Mathew RJ, et al. **Am J Psychiatry** 1989 Aug;146(8):996–1000
Panic disorder in children at high risk for depression. Moreau DL, et al. **Am J Psychiatry** 1989 Aug;146(8):1059–60
Religiousness and psychiatric disorders [letter] Tobak M. **Am J Psychiatry** 1989 Aug;146(8):1088

AORTA

The function of the aorta in ischemic heart disease: a magnetic resonance and angiographic study of aortic compliance and blood flow patterns. Bogren HG, et al. **Am Heart J** 1989 Aug;118(2):234–47
Short-term exposure to high dietary cholesterol in early life: arterial changes and response after normalization of plasma cholesterol. Subbiah MT, et al. **Am J Clin Nutr** 1989 Jul; 50(1):68–72
Pregnancy after aortofemoral bypass grafting in a diabetic patient. Bradley-Watson PJ. **Am J Obstet Gynecol** 1989 Jul;161(1):200–1
Injuries to the ascending aorta, aortic arch and great vessels. Weaver FA, et al. **Surg Gynecol Obstet** 1989 Jul; 169(1):27–31

AORTA, ABDOMINAL

Aortic reconstruction in high-risk pulmonary patients. Robison JG, et al. **Ann Surg** 1989 Jul;210(1):112–7
Stiffness of systemic arteries in patients with myocardial infarction. A noninvasive method to predict severity of coronary atherosclerosis. Hirai T, et al. **Circulation** 1989 Jul;80(1):78–86
Incorporation versus infection of retroperitoneal aortic grafts: MR imaging features. Auffermann W, et al. **Radiology** 1989 Aug;172(2):359–62
Abdominal aortic reconstruction without renal bypass in renal transplant patients. Jivegård L, et al. **Surgery** 1989 Jul;106(1):110–3

AORTA, THORACIC

The role of intra-aortic balloon occlusion in penetrating abdominal trauma. Gupta BK, et al. **J Trauma** 1989 Jun; 29(6):861–5
Surgical management of traumatic disruption of the descending aorta. Young JN, et al. **West J Med** 1989 Jun; 150(6):662–4

AORTIC ANEURYSM

General practice-based population screening for abdominal aortic aneurysms: a pilot study. O'Kelly TJ, et al. **Br J Surg** 1989 May;76(5):479–80
Ambulatory follow-up of aortic dissection by transesophageal two-dimensional and color-coded Doppler echocardiography. Mohr-Kahaly S, et al. **Circulation** 1989 Jul;80(1):24–33
Misinterpretation of lung perfusion scan [letter] Chitkara RK, et al. **Crit Care Med** 1989 Jul;17(7):713–4
Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. Hannan EL, et al. **JAMA** 1989 Jul 28; 262(4):503–10
Aortoesophageal fistula: early postoperative complication at the distal anastomosis of an aortic graft. Borrero E, et al. **South Med J** 1989 Jul;82(7):927–30
Preoperative imaging of aortic aneurysms. Conventional and digital subtraction angiography, computed tomography scanning, and magnetic resonance imaging. Bandyk DF. **Surg Clin North Am** 1989 Aug;69(4):721–35 (35 ref.)
Unusual manifestations of abdominal aortic aneurysms. Bower TC, et al. **Surg Clin North Am** 1989 Aug; 69(4):745–54 (65 ref.)
Management of aneurysms that involve the juxtarenal or suprarenal aorta. Budden J, et al. **Surg Clin North Am** 1989 Aug;69(4):837–44 (13 ref.)
Pathophysiology and pathogenesis of aortic aneurysms. Current concepts. Dobrin PB. **Surg Clin North Am** 1989 Aug;69(4):687–703 (51 ref.)
Preoperative evaluation and management of coronary and carotid artery occlusive disease in patients with abdominal aortic aneurysms. Graor RA. **Surg Clin North Am** 1989 Aug;69(4):737–43 (21 ref.)
Minimizing the use of homologous blood products during repair of abdominal aortic aneurysms. Hallett JW Jr. **Surg Clin North Am** 1989 Aug;69(4):817–26 (25 ref.)
Prevention and management of surgical complications during repair of abdominal aortic aneurysms. Hermreck AS. **Surg Clin North Am** 1989 Aug;69(4):869–94 (124 ref.)
Intraoperative management of abdominal aortic aneurysms. The anesthesiologist's viewpoint. Hessel EA 2d. **Surg Clin North Am** 1989 Aug;69(4):775–93 (182 ref.)
Treatment options for aneurysms in high-risk patients. Johansen K. **Surg Clin North Am** 1989 Aug;69(4):765–74 (54 ref.)
Repair of abdominal aortic aneurysms in high-risk patients. Pairolero PC. **Surg Clin North Am** 1989 Aug;69(4):755–63
Selection of grafts currently available for repair of abdominal aortic aneurysms. Piotrowski JJ, et al. **Surg Clin North Am** 1989 Aug;69(4):827–36 (50 ref.)

Ultrasonic screening for the detection of abdominal aortic aneurysms. Quill DS, et al. **Surg Clin North Am** 1989 Aug; 69(4):713–20 (51 ref.)
Incidence and etiology of abdominal aortic aneurysms. Reilly JM, et al. **Surg Clin North Am** 1989 Aug;69(4):705–11 (50 ref.)
Repair of abdominal aortic aneurysms in patients with renal, iliac, or distal arterial occlusive disease. Schwarcz TH, et al. **Surg Clin North Am** 1989 Aug;69(4):845–57 (43 ref.)
Retroperitoneal versus transperitoneal approach for repair of abdominal aortic aneurysms. Sicard GA, et al. **Surg Clin North Am** 1989 Aug;69(4):795–806 (24 ref.)
Abdominal aortic aneurysmorrhaphy combined with biliary or gastrointestinal surgery. Thomas JH. **Surg Clin North Am** 1989 Aug;69(4):807–15 (23 ref.)
Mycotic aneurysm presenting as fever of unknown origin. Asthana S, et al. **West J Med** 1989 Jun;150(6):694–6

AORTIC COARCTATION

Doppler ultrasound in the prediction of pressure gradients across aortic coarctation. Rao PS, et al. **Am Heart J** 1989 Aug;118(2):299–307
Coarctation of the abdominal aorta and stenosis of the left renal artery with hypertension caused by fibrodysplasia. Vuong PN, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):809–11

AORTIC DISEASES

Aortic reconstruction in high-risk pulmonary patients. Robison JG, et al. **Ann Surg** 1989 Jul;210(1):112–7
Primary aortoduodenal fistula. Diagnosis by computed tomography. Ibrahim IM, et al. **Arch Surg** 1989 Jul; 124(7):870–1
Aortoesophageal fistula: early postoperative complication at the distal anastomosis of an aortic graft. Borrero E, et al. **South Med J** 1989 Jul;82(7):927–30

AORTIC RUPTURE

Ruptured abdominal aortic aneurysms. Special considerations. Rutherford RB, et al. **Surg Clin North Am** 1989 Aug;69(4):859–68 (25 ref.)

AORTIC VALVE

Clinical and ultrasound results after aortic valve replacement: intermediate-term follow-up with the St. Jude Medical prosthesis. Montalescot G, et al. **Am Heart J** 1989 Jul; 118(1):104–13
Durability of the viable aortic allograft. Angell WW, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):48–55; discussion 55–6

AORTIC VALVE INSUFFICIENCY

Cardiac valvular dysfunction associated with Crohn's disease in the absence of ankylosing spondylitis. Burdick S, et al. **Am Heart J** 1989 Jul;118(1):174–6

AORTIC VALVE STENOSIS

Early restenosis following successful percutaneous balloon valvuloplasty for calcific valvular aortic stenosis. Del Core MG, et al. **Am Heart J** 1989 Jul;118(1):181–2
Stimulation of atrial natriuretic peptide and vasopressin during percutaneous transluminal aortic valvuloplasty. Lewin RF, et al. **Am Heart J** 1989 Aug;118(2):292–8
Surgical repair of atrial septal defect in an 89-year-old man: progressive shunt due to concomitant aortic stenosis. Pryor RE, et al. **Am Heart J** 1989 Aug;118(2):423–4
Percutaneous balloon valve dilatation [letter] Millner R, et al. **BMJ** 1989 Apr 29;298(6681):1181–2
Combined aortic and mitral valve replacement in an adult with Scheie's disease. Butman SM, et al. **Chest** 1989 Jul; 96(1):209–10
Percutaneous aortic valvuloplasty procedure and implications for nursing. Nichols L, et al. **Heart Lung** 1989 Jul; 18(4):356–63 (18 ref.)
Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. Bittl JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):135–42

AORTOCORONARY BYPASS

Diastolic segmental compression of saphenous vein bypass graft. Chokshi SK, et al. **Am Heart J** 1989 Aug; 118(2):402–4
Favorable early and long-term prognosis following coronary bypass surgery therapy for myocardial infarction: results of a multicenter trial. TAMI Study Group. Kereiakes DJ, et al. **Am Heart J** 1989 Aug;118(2):199–207
Percutaneous transluminal angioplasty of a totally occluded venous bypass graft: a challenge that should be resisted. de Feyter PJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):88–90
Prognostic importance of postbypass regional wall-motion abnormalities in patients undergoing coronary artery bypass graft surgery. SPI Research Group. Leung JM, et al. **Anesthesiology** 1989 Jul;71(1):16–25
Rapidly progressive atherosclerosis in aortocoronary saphenous vein grafts. Possible immune-mediated disease. Ratliff NB, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):772–6
Percutaneous transluminal angioplasty of left internal mammary artery grafts: two years' experience with a femoral approach. Bell MR, et al. **Br Heart J** 1989 May; 61(5):417–20
Efficacy of shoulder range of motion exercise in hospitalized patients after coronary artery bypass graft surgery. Shaw DK, et al. **Heart Lung** 1989 Jul;18(4):364–9
Emergency operation after failed angioplasty [letter] McKeever LS, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):151–2
Preoperative correlates of impaired wound healing after saphenous vein excision. Utley JR, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):147–9
Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. Hannan EL, et al. **JAMA** 1989 Jul 28; 262(4):503–10
Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1–7
Smoking, anesthesia, and coronary bypass operation: a witches' cauldron? Gomez MN, et al. **Mayo Clin Proc** 1989 Jun;64(6):708–11
Role of preoperative cessation of smoking and other factors in postoperative pulmonary complications: a blinded prospective study of coronary artery bypass patients. Warner MA, et al. **Mayo Clin Proc** 1989 Jun;64(6):609–16

AORTOGRAPHY

The function of the aorta in ischemic heart disease: a magnetic resonance and angiographic study of aortic compliance and blood flow patterns. Bogren HG, et al. **Am Heart J** 1989 Aug;118(2):234–47

APHASIA

Hemianesthesia and aphasia. An anatomical and behavioral study. Hyman BT, et al. **Arch Neurol** 1989 Jul;46(7):816–9

APNEA

The apnea test for the determination of brain death. Benzel EC, et al. **J Neurosurg** 1989 Aug;71(2):191–4

APOLIPOPROTEINS

Cholesterol and apolipoprotein distribution in plasma high-density-lipoprotein subclasses from zinc-deficient rats. Koo SI, et al. **Am J Clin Nutr** 1989 Jul;50(1):73–9

APOLIPOPROTEINS A

Localization of apolipoprotein A-I and apolipoprotein A-II in human atherosclerotic arteries. Bedossa P, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):777–80
Elevated high density lipoprotein cholesterol levels correlate with decreased apolipoprotein A-I and A-II fractional catabolic rate in women. Brinton EA, et al. **J Clin Invest** 1989 Jul;84(1):262–9

APPENDICITIS

Acute appendicitis in children: sonographic findings. Kao SC, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):375–9
Incidence and sonographic diagnosis of bacterial ileocaecitis masquerading as appendicitis. Puylaert JB, et al. **Lancet** 1989 Jul 8;2(8654):84–6

APPETITE REGULATION

Accuracy of food portion estimation by overweight and normal-weight subjects. Blake AJ, et al. **J Am Diet Assoc** 1989 Jul;89(7):962–4

ARACHIDONIC ACIDS

Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Stein BE, et al. **Gastroenterology** 1989 Aug;97(2):278–83
Mechanism of arachidonic acid liberation in platelet-activating factor-stimulated human polymorphonuclear neutrophils. Nakashima S, et al. **J Immunol** 1989 Aug 15;143(4):1295–302
Prostaglandin E precursor fatty acids inhibit human IL-2 production by a prostaglandin E-independent mechanism. Santoli D, et al. **J Immunol** 1989 Aug 15;143(4):1303–9

ARACHNID VECTORS

Is Ixodes (ixodiopsis) angustus a vector of Lyme disease in Washington State? Damrow T, et al. **West J Med** 1989 May;150(5):580–2

ARACHNIDISM

Brown recluse spider bites. Demmler GJ, et al. **Am J Dis Child** 1989 Jul;143(7):843

ARACHNOID

Vicryl (polyglactin 910) mesh as a dural substitute in the presence of pia arachnoid injury. Nussbaum CE, et al. **J Neurosurg** 1989 Jul;71(1):124–7

ARGININE

Haem and porphyria attacks [letter] Pierach CA. **Lancet** 1989 Jul 22;2(8656):213–4

ARGIPRESSIN

Characterization of anterior pituitary target cells for arginine vasopressin: including cells that store adrenocorticotropin, thyrotropin-beta, and both hormones. Childs GV, et al. **Endocrinology** 1989 Jul;125(1):554–9

ARM

Acute ischaemia of the upper limb compared with acute lower limb ischaemia; a 5-year review. Stonebridge PA, et al. **Br J Surg** 1989 May;76(5):515–6
Deep vein thrombosis of the arm associated with malignancy. Hung SS. **Cancer** 1989 Jul 15;64(2):531–5
Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Riggs JE, et al. **Neurology** 1989 Jul; 39(7):997–8
Microvascular applications in limb sparing tumor surgery. Hausman M. **Orthop Clin North Am** 1989 Jul;20(3):427–37 (52 ref.)
Major amputation for advanced malignant melanoma. Jaques DP, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):1–6

ARM INJURIES

Early fasciotomy for acute clinically evident posttraumatic compartment syndrome. Lagerstrom CF, et al. **Am J Surg** 1989 Jul;158(1):36–9
Traumatic amputation of the upper limb: replantation of the arm. D'Addato M, et al. **J Trauma** 1989 Jun;29(6):876–9

ARNOLD-CHIARI DEFORMITY

Symptomatic Chiari malformations. An analysis of presentation, management, and long-term outcome. Dyste GN, et al. **J Neurosurg** 1989 Aug;71(2):159–68

ARRHYTHMIA

Antiarrhythmic efficacy of solitary beta-adrenergic blockade for patients with sustained ventricular tachyarrhythmias. Brodsky MA, et al. **Am Heart J** 1989 Aug;118(2):272–80
Nonventricular arrhythmias as precursors of ventricular fibrillation in patients with out-of-hospital cardiac arrest. Hays LJ, et al. **Am Heart J** 1989 Jul;118(1):53–7
Post-exercise asystolic arrest in a young man without organic heart disease: utility of head-up tilt testing in guiding therapy. Pedersen WR, et al. **Am Heart J** 1989 Aug; 118(2):410–3
Prognostic significance of the signal-averaged ECG depends on the time of recording in the postinfarction period. el-Sherif N, et al. **Am Heart J** 1989 Aug;118(2):256–64
Increase in plasma atrial natriuretic factor during ventriculoatrial pacing. Ellenbogen KA, et al. **Am J Cardiol** 1989 Jul 15;64(3):236–7
Reemployment following implantation of the automatic cardioverter defibrillator. Kalbfleisch KR, et al. **Am J Cardiol** 1989 Jul 15;64(3):199–202
Long-term effects of amiodarone on hepatic function. Robinson K, et al. **Am J Cardiol** 1989 Jul 1;64(1):95–6
The metaraminol test and adverse cardiac effects [letter] Buades J, et al. **Ann Intern Med** 1989 Aug 1;111(3):259–60
Antiarrhythmic agents and the danger of proarrhythmic events. Josephson ME. **Ann Intern Med** 1989 Jul 15; 111(2):101–3 (20 ref.)
Prognostic significance of programmed ventricular stimulation in survivors of acute myocardial infarction. Bhandari AK, et al. **Br Heart J** 1989 May;61(5):410–6
A far-reaching interpolation. Macaulay W, et al. **Heart Lung** 1989 Jul;18(4):415–7
Ventricular arrhythmias and local electrograms after chronic regional denervation of the ischemic area in the pig heart. Cinca J, et al. **J Am Coll Cardiol** 1989 Jul;14(1):225–32
Cardioprotective effects of various class I antiarrhythmic drugs in canine hearts. Hanaki Y, et al. **J Am Coll Cardiol** 1989 Jul;14(1):219–24
Flecainide acetate for resistant arrhythmias in the young: efficacy and pharmacokinetics. Perry JC, et al. **J Am Coll Cardiol** 1989 Jul;14(1):185–91; discussion 192–3
Indications for flecainide [letter] **Lancet** 1989 Jul 8; 2(8654):113–4
Preliminary report: effect of encainide and flecainide on mortality in a randomized trial of arrhythmia suppression after myocardial infarction. The Cardiac Arrhythmia Suppression Trial (CAST) Investigators [see comment] **N Engl J Med** 1989 Aug 10;321(6):406–12. **Comment on:** N Engl J Med 1989 Aug 10;321(6): 386–8
The cardiac arrhythmia suppression trial (CAST) [editorial; comment] Ruskin JN. **N Engl J Med** 1989 Aug 10; 321(6):386–8. **Comment on:** N Engl J Med 1989 Aug 10;321(6):406–12

ARRHYTHMIA, SINUS

Vincristine treatment of acute lymphoblastic leukemia induces transient autonomic cardioneuropathy. Hirvonen HE, et al. **Cancer** 1989 Aug 15;64(4):801–5

ART

Hospital art and its problems. Delamothe T. **BMJ** 1989 Apr 29;298(6681):1164–5

DNA and the duomo: reflections on the two cultures. Weissmann G. **Hosp Pract [Off]** 1989 Jul 15;24(7):121, 124, 127–8 passim

Velázquez' dwarfs: a profusion of diagnoses [letter] **JAMA** 1989 Jul 21;262(3):349–50

ARTERIAL OCCLUSIVE DISEASES

Transluminal laser angioplasty of the femoropopliteal circulation by use of a percutaneous popliteal approach. Leachman DR, et al. **Am J Cardiol** 1989 Jul 1;64(1):106–8

Noninvasive assessment of peripheral vascular disease by color flow Doppler/two-dimensional ultrasound. Rosenfield K, et al. **Am J Cardiol** 1989 Jul 15;64(3):247–51

Coarctation of the abdominal aorta and stenosis of the left renal artery with hypertension caused by fibrodysplasia. Vuong PN, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):809–11

Short- and long-term complications of coronary angioplasty [clinical conference] Lange RA, et al. **Chest** 1989 Jul; 96(1):151–7 (30 ref.)

Misinterpretation of lung perfusion scan [letter] Chitkara RK, et al. **Crit Care Med** 1989 Jul;17(7):713–4

Cranial burr hole for revascularization in moyamoya disease. Endo M, et al. **J Neurosurg** 1989 Aug;71(2):180–5

Incidental fibromuscular dysplasia in potential renal donors: long-term clinical follow-up. Cragg AH, et al. **Radiology** 1989 Jul;172(1):145–7

Pull-through approach to percutaneous angioplasty of totally occluded common iliac arteries. Ginsburg R, et al. **Radiology** 1989 Jul;172(1):111–3

Low-speed rotational angioplasty in chronic peripheral artery occlusions: experience in 83 patients. Work in progress. Vallbracht C, et al. **Radiology** 1989 Aug; 172(2):327–30

Recanalization of total arterial occlusions with the Kensey dynamic angioplasty catheter. Wholey MH, et al. **Radiology** 1989 Jul;172(1):95–8

Preoperative evaluation and management of coronary and carotid artery occlusive disease in patients with abdominal aortic aneurysms. Graor RA. **Surg Clin North Am** 1989 Aug;69(4):737–43 (21 ref.)

Repair of abdominal aortic aneurysms in patients with renal, iliac, or distal arterial occlusive disease. Schwarcz TH, et al. **Surg Clin North Am** 1989 Aug;69(4):845–57 (43 ref.)

ARTERIES

Persistent trigeminal artery and pituitary adenoma [letter] Salcman M. **J Neurosurg** 1989 Aug;71(2):301–2

Projection arteriography and venography: initial clinical results with MR. Edelman RR, et al. **Radiology** 1989 Aug; 172(2):351–7

Injuries to the ascending aorta, aortic arch and great vessels. Weaver FA, et al. **Surg Gynecol Obstet** 1989 Jul; 169(1):27–31

ARTERIO-ARTERIAL FISTULA

Left coronary artery-to-pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Moises VA, et al. **Am Heart J** 1989 Aug;118(2):407–10

ARTERIOSCLEROSIS

Spectral diagnosis of atherosclerosis using an optical fiber laser catheter. Richards-Kortum R, et al. **Am Heart J** 1989 Aug;118(2):381–91

Short-term exposure to high dietary cholesterol in early life: arterial changes and response after normalization of plasma cholesterol. Subbiah MT, et al. **Am J Clin Nutr** 1989 Jul; 50(1):68–72

Localization of apolipoprotein A-I and apolipoprotein A-II in human atherosclerotic arteries. Bedossa P, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):777–80

Increased risk of atherosclerosis in women after the menopause [letter] Bonithon-Kopp C, et al. **BMJ** 1989 May 13;298(6683):1311

The genetic aspects of atherosclerosis and hyperlipidemia. Hayden MR. **Can Med Assoc J** 1989 Jul 15;141(2):135

From an excess of fat, diabetics die [editorial] Steiner G. **JAMA** 1989 Jul 21;262(3):398–9

Total retroperfusion of the coronary arteries and veins [letter] Pearl W, et al. **Lancet** 1989 Jul 15;2(8655):172

Atheromatous embolism: varied clinical presentation and prognosis. Jennings WC, et al. **South Med J** 1989 Jul; 82(7):849–52

ARTERIOVENOUS ANASTOMOSIS

Direct in vivo observations of embolic events in the microcirculation distal to a small-vessel anastomosis. Acland RD, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):280–8; discussion 289

ARTERIOVENOUS FISTULA

Venous rupture during transvenous approach to a carotid-cavernous fistula. Case report. King WA, et al. **J Neurosurg** 1989 Jul;71(1):133–7

ARTERIOVENOUS MALFORMATIONS

Pulmonary embolism masquerading as pulmonary arteriovenous malformation on computerized tomography. Kollef MH, et al. **South Med J** 1989 Jul;82(7):924–6

ARTERIOVENOUS SHUNT, SURGICAL

A simple technique for in situ saphenous vein arterial bypass graft with anastomoses at the common femoral or external iliac artery. Tanchajja S, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):78

ARTHRITIS

A unified approach to symptomatic juxtasternal arthritis and enthesitis. Katz ME, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):327–33

Chondrocyte nonresponsiveness to insulin-like growth factor 1 in experimental arthritis. Schalkwijk J, et al. **Arthritis Rheum** 1989 Jul;32(7):894–900

Sarcoid arthropathy in cystic fibrosis. Soden M, et al. **Br J Rheumatol** 1989 Aug;28(4):341–3

Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142–8

ARTHRITIS, INFECTIOUS

Inflammatory arthritis of the subtalar joint. Berger RG. **Am J Med** 1989 Jul;87(1):117–8

Reactive arthritis in association with the Guillain-Barré-Strohl syndrome [letter] Sachdev D, et al. **Br J Rheumatol** 1989 Aug;28(4):359–60

The baby with the sore arm. Schindler AM. **Hosp Pract [Off]** 1989 Jul 15;24(7):57–9

Yersinia antigens in reactive arthritis [letter] **N Engl J Med** 1989 Jul 20;321(3):189–90

ARTHRITIS, JUVENILE RHEUMATOID

Reactivity of antinuclear antibodies with histones and other antigens in juvenile rheumatoid arthritis. Malleson P, et al. **Arthritis Rheum** 1989 Jul;32(7):919–23

Antibodies to histones H1 and H5 in sera of patients with juvenile rheumatoid arthritis. Pauls JD, et al. **Arthritis Rheum** 1989 Jul;32(7):877–83

ARTHRITIS, RHEUMATOID

Diffuse large-cell lymphoma of B-cell origin and deficient T-cell function in a patient with rheumatoid arthritis. Weir AB 3d, et al. **Arch Intern Med** 1989 Jul;149(7):1688–90

Sensitivity of a health status measure to short-term clinical changes in arthritis. Anderson JJ, et al. **Arthritis Rheum** 1989 Jul;32(7):844–50

Prospective pilot study of intravenous pulse cyclophosphamide therapy for refractory rheumatoid arthritis [letter] Arnold MH, et al. **Arthritis Rheum** 1989 Jul;32(7):933–4

Predicting individual differences in pain and functional impairment among patients with rheumatoid arthritis. Hagglund KJ, et al. **Arthritis Rheum** 1989 Jul;32(7):851–8

Toxic effects of azathioprine in rheumatoid arthritis. A national post-marketing perspective. Singh G, et al. **Arthritis Rheum** 1989 Jul;32(7):837–43

A patient with seropositive rheumatoid arthritis. Capell H. **Br J Rheumatol** 1989 Aug;28(4):340

Studies in the pathogenesis of rheumatoid arthritis. 2: Antigen/antibody reactions with avascular joint tissues. Cooke TD, et al. **Br J Rheumatol** 1989 Aug;28(4):333–40 (64 ref.)

Retroviruses and oncogenes. Dalgleish AG. **Br J Rheumatol** 1989 Aug;28(4):350–7 (36 ref.)

The clinical use of immunohistopathology [editorial] Hedfors E. **Br J Rheumatol** 1989 Aug;28(4):278–80

Incidence and severity of rheumatoid arthritis—the view from Australia [letter] Laurent R, et al. **Br J Rheumatol** 1989 Aug;28(4):360–1

Sulphasalazine in rheumatoid arthritis: haematological problems [letter] Lyle WH. **Br J Rheumatol** 1989 Aug; 28(4):363–4

Multiple joint replacements in rheumatoid arthritis [letter] Marks JS. **Br J Rheumatol** 1989 Aug;28(4):362

Profound leucopenia with Salazopyrin EN [letter] Ridley MG, et al. **Br J Rheumatol** 1989 Aug;28(4):364–5

cis-platinum, a treatment for refractory rheumatoid arthritis? [letter] Sanchez-Burson J, et al. **Br J Rheumatol** 1989 Aug; 28(4):358

Immunohistological features in the synovium obtained from clinically uninvolved knee joints of patients with rheumatoid arthritis. Soden M, et al. **Br J Rheumatol** 1989 Aug;28(4):287–92

Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329–32

Effects of aminobisphosphonate infusion on biochemical indices of bone metabolism in rheumatoid arthritis. Tan PL, et al. **Br J Rheumatol** 1989 Aug;28(4):325–8

Bipolar hip arthroplasty in rheumatoid arthritis. Torisu T, et al. **Clin Orthop** 1989 Jul;(244):188–97

Increased renal tubular cell excretion by patients receiving chronic therapy with gold and with nonsteroidal anti-inflammatory drugs. Ganley CJ, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):51–5

Patellar replacement in bilateral total knee arthroplasty. A study of patients who had rheumatoid arthritis and no gross deformity of the patella. Shoji H, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):853–6

Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. Kumkumian GK, et al. **J Immunol** 1989 Aug 1;143(3):833–7

Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142–8

From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1989 Jul 21; 262(3):331

Elevated serum alpha-fetoprotein in a pregnant woman with rheumatoid arthritis [letter] Andrews LG, et al. **N Engl J Med** 1989 Jul 27;321(4):262–3

ARTHROPODS

Dermatofibromas and arthropod bites: is there any evidence to link the two? Evans J, et al. **Lancet** 1989 Jul 1; 2(8653):36–7

ASBESTOS

Mortality rates among employees potentially exposed to chrysotile asbestos at two automotive parts factories. Finkelstein MM. **Can Med Assoc J** 1989 Jul 15; 141(2):125–30

Therapeutic approach to malignant mesothelioma. Aisner J. **Chest** 1989 Jul;96(1 Suppl):95S–97S (12 ref.)

The epidemiology and pathogenesis of malignant mesothelioma. Craighead JE. **Chest** 1989 Jul;96(1 Suppl):92S–93S (26 ref.)

Gallium lung scanning and bronchoalveolar lavage in crocidolite-exposed workers. Hayes AA, et al. **Chest** 1989 Jul;96(1):22–6

ASBESTOSIS

Mortality rates among employees potentially exposed to chrysotile asbestos at two automotive parts factories. Finkelstein MM. **Can Med Assoc J** 1989 Jul 15; 141(2):125–30

Gallium lung scanning and bronchoalveolar lavage in crocidolite-exposed workers. Hayes AA, et al. **Chest** 1989 Jul;96(1):22–6

ASCITES

Leiomyoma of the ovary with ascites and hydrothorax. Nicoll JJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):177–8

Malignant ascites of unknown origin. Ringenberg QS, et al. **Cancer** 1989 Aug 1;64(3):753–5

ASCITIC FLUID

Increased peritoneal fluid lactic acid values and progressive bowel strangulation in dogs. DeLaurier GA, et al. **Am J Surg** 1989 Jul;158(1):32–5

Morphometric diagnosis of serous effusions: refinement of differences between benign and malignant cases by use of outlying values and larger sample size. Scott N, et al. **J Clin Pathol** 1989 Jun;42(6):607–12

ASCORBIC ACID

Ascorbic acid in the human stomach. Sobala GM, et al. **Gastroenterology** 1989 Aug;97(2):357–63

ASPARAGINE

The difference between human C3F and C3S results from a single amino acid change from an asparagine to an aspartate residue at position 1216 on the alpha-chain of the complement component, C3. Poznansky MC, et al. **J Immunol** 1989 Aug 15;143(4):1254–8

ASPARTATE AMINOTRANSFERASE

Glutamate dehydrogenase and aspartate aminotransferase in leukocytes of patients with motor neuron disease. Hugon J, et al. **Neurology** 1989 Jul;39(7):956–8

ASPARTIC ACID

The difference between human C3F and C3S results from a single amino acid change from an asparagine to an aspartate residue at position 1216 on the alpha-chain of the complement component, C3. Poznansky MC, et al. **J Immunol** 1989 Aug 15;143(4):1254–8

ASPERGILLOSIS

Cutaneous Rhizopus and Aspergillus infections in five patients with cancer. Khardori N, et al. **Arch Dermatol** 1989 Jul;125(7):952–6 (31 ref.)

ASPERGILLOSIS, ALLERGIC BRONCHOPULMONARY

Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92–5

ASPHYXIA

Successful treatment after 'drowning' in sand. Avital A, et al. **Arch Dis Child** 1989 Apr;64(4):615–6

Traumatic asphyxia: report of a case. Ghali GE, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):867–70 (17 ref.)

ASPIRIN

Antithrombotic therapy in the primary prevention of acute myocardial infarction. Miller GJ. **Am J Cardiol** 1989 Jul 18;64(4):29B–32B

Airway responsiveness to histamine and leukotriene E4 in subjects with aspirin-induced asthma. Arm JP, et al. **Am Rev Respir Dis** 1989 Jul;140(1):148–53

Aspirin abolishes tinnitus caused by spontaneous otoacoustic emissions. A case study. Penner MJ. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):871–5

Fatal iatrogenic salicylate intoxication in a long-term user of enteric-coated aspirin [letter] Rainey PM. **Arch Pathol Lab Med** 1989 Jul;113(7):711

Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1–7

Final report on the aspirin component of the ongoing Physicians' Health Study. Steering Committee of the Physicians' Health Study Research Group [see comment] **N Engl J Med** 1989 Jul 20;321(3):129–35. **Comment on:** N Engl J Med 1989 Jul 20;321(3):183–5

Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. Benigni A, et al. **N Engl J Med** 1989 Aug 10;321(6):357–62

Aspirin in the prevention of coronary disease [editorial; comment] Fuster V, et al. **N Engl J Med** 1989 Jul 20; 321(3):183–5. **Comment on:** N Engl J Med 1989 Jul 20;321(3):129–35

The use of aspirin to prevent pregnancy-induced hypertension and lower the ratio of thromboxane A2 to prostacyclin in relatively high risk pregnancies. Schiff E, et al. **N Engl J Med** 1989 Aug 10;321(6):351–6

ASTHMA

Airway responsiveness to histamine and leukotriene E4 in subjects with aspirin-induced asthma. Arm JP, et al. **Am Rev Respir Dis** 1989 Jul;140(1):148–53

Effect of droplet size on respiratory responses to inhaled sulfuric acid in normal and asthmatic volunteers. Linn WS, et al. **Am Rev Respir Dis** 1989 Jul;140(1):161–6

Should PEEP be used in airflow obstruction? [editorial] Marini JJ. **Am Rev Respir Dis** 1989 Jul;140(1):1–3

Longitudinal variability in airway responsiveness in a population-based sample of children and young adults. Intrinsic and extrinsic contributing factors. Redline S, et al. **Am Rev Respir Dis** 1989 Jul;140(1):172–8

High doses of inhaled corticosteroids in unstable chronic asthma. A multicenter, double-blind, placebo-controlled study. Salmeron S, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):167–71

Detrimental effects of positive end-expiratory pressure during controlled mechanical ventilation of patients with severe airflow obstruction. Tuxen DV. **Am Rev Respir Dis** 1989 Jul;140(1):5–9

Asthma and gastroesophageal reflux [editorial] Castell DO. **Chest** 1989 Jul;96(1):2–3

Delivery of albuterol and ipratropium bromide from two nebulizer systems in chronic stable asthma. Efficacy and pulmonary deposition. Johnson MA, et al. **Chest** 1989 Jul; 96(1):6–10

Long-term results of surgical treatment for gastroesophageal reflux in asthmatic patients. Perrin-Fayolle M, et al. **Chest** 1989 Jul;96(1):40–5

Differences in acoustic and dynamic characteristics of spontaneous cough in pulmonary diseases. Piirilä P, et al. **Chest** 1989 Jul;96(1):46–53

Comparison of real and placebo acupuncture in histamine-induced asthma. A double-blind crossover study. Tandon MK, et al. **Chest** 1989 Jul;96(1):102–5

External chest compression in acute asthma: a preliminary study. Fisher MM, et al. **Crit Care Med** 1989 Jul;17(7):686–7

Management of asthma in the community. **Lancet** 1989 Jul 22;2(8656):199–200 (14 ref.)

Fenoterol and fatal asthma. O'Donnell TV, et al. **Lancet** 1989 Jul 1;2(8653):45

American Academy of Pediatrics: Section on Allergy and Immunology; Section on Diseases of the Chest. Exercise and the asthmatic child. **Pediatrics** 1989 Aug;84(2):392–3

Slow-release terbutaline and theophylline for the long-term therapy of children with asthma: a Latin square and factorial study of drug effects and interactions. Chow OK, et al. **Pediatrics** 1989 Jul;84(1):119–25

Hospitalization of children with status asthmaticus: a review. Richards W. **Pediatrics** 1989 Jul;84(1):111–8

Gastroesophageal reflux and asthma. Mansfield LE. **Postgrad Med** 1989 Jul;86(1):265–9 (18 ref.)

Bronchoprovocational challenges in the assessment of the efficacy of therapeutic agents. Scott GC. **South Med J** 1989 Jul;82(7):868–72 (25 ref.)

Review of acute severe asthma. Franklin PK. **West J Med** 1989 May;150(5):552–6 (60 ref.)

ASTIGMATISM

Corneal compression sutures for the reduction of astigmatism after penetrating keratoplasty. Limberg MB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):36–42

Natural evolution of postoperative astigmatism [letter] Girard LJ. **Arch Ophthalmol** 1989 Jul;107(7):956

ATAXIA

Ataxia, chorea, seizures, and dementia. Pathologic features of a newly defined familial disorder. Farmer TW, et al. **Arch Neurol** 1989 Jul;46(7):774–9

Ataxia-pancytopenia and monosomy 7 syndrome. Daghistani D, et al. **J Pediatr** 1989 Jul;115(1):108–10

CNS dysfunction in Fisher's syndrome. Pessin MS, et al. **Neurology** 1989 Jul;39(7):998–9

ATELECTASIS

CT features of rounded atelectasis. McHugh K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):257–60

Recurrent pulmonary atelectasis as a manifestation of familial Mediterranean fever [letter] Colebatch HJ. **Arch Intern Med** 1989 Jul;149(7):1698

A migratory infiltrate in a patient with hemoptysis and chest pain. Ghio AJ, et al. **Chest** 1989 Jul;96(1):195–6

ATENOLOL

Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Luurila OJ, et al. **Am J Cardiol** 1989 Jul 1; 64(1):97–9

Comparison of atenolol and nifedipine in chronic stable angina pectoris. Shapiro W, et al. **Am J Cardiol** 1989 Jul 15;64(3):186–90

Atenolol in children with supraventricular tachycardia. Trippel DL, et al. **Am J Cardiol** 1989 Jul 15;64(3):233–6

Comparative effects of transdermal clonidine and oral atenolol on acute exercise performance and response to aerobic conditioning in subjects with hypertension. Davies SF, et al. **Arch Intern Med** 1989 Jul;149(7):1551–6

Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. Pollare T, et al. **BMJ** 1989 Apr 29; 298(6681):1152–7

Comparison of antihypertensive therapies by noninvasive techniques. Graettinger WF, et al. **Chest** 1989 Jul; 96(1):74–9

ATHLETIC INJURIES

Stress fractures of the carpal scaphoid. A report of four cases. Hanks GA, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):938–41

For some of nation's young athletes, training may be too much of a good thing [news] Cowart VS. **JAMA** 1989 Aug 11;262(6):735, 739

Amateur boxing [letter] Voy RO. **JAMA** 1989 Jul 28; 262(4):499–500

Incidence of cavum septum pellucidum in adults: a sign of boxer's encephalopathy. Bogdanoff B, et al. **Neurology** 1989 Jul;39(7):991–2

ATLANTO-AXIAL JOINT

Grisel's syndrome. Cervical spine clinical, pathologic, and neurologic manifestations. Mathern GW, et al. **Clin Orthop** 1989 Jul;(244):131–46 (52 ref.)

ATLANTO-OCCIPITAL JOINT

Foramen magnum syndrome from pseudogout of the atlanto-occipital ligament. Case report. Ciricillo SF, et al. **J Neurosurg** 1989 Jul;71(1):141–3

ATRACURIUM

Atracurium, vecuronium, and pancuronium do not alter the minimum alveolar concentration of halothane in humans. Fahey MR, et al. **Anesthesiology** 1989 Jul;71(1):53–6

Dose-response relationships for edrophonium and neostigmine as antagonists of atracurium and vecuronium neuromuscular blockade. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):37–43

ATRIAL FIBRILLATION

Flecainide-induced ventricular tachycardia and fibrillation in patients treated for atrial fibrillation. Falk RH. **Ann Intern Med** 1989 Jul 15;111(2):107–11

The coherence spectrum. A quantitative discriminator of fibrillatory and nonfibrillatory cardiac rhythms. Ropella KM, et al. **Circulation** 1989 Jul;80(1):112–9

Degeneration of junctional tachycardia to pre-excited atrial fibrillation after intravenous verapamil [letter] Garratt C, et al. **Lancet** 1989 Jul 22;2(8656):219

ATROPINE

Progress in medical defense against nerve agents. Dunn MA, et al. **JAMA** 1989 Aug 4;262(5):649–52 (21 ref.)

Atropine as possible contaminant of comfrey tea [letter] Awang DV, et al. **Lancet** 1989 Jul 1;2(8653):44

ATROPINE DERIVATIVES

Delivery of albuterol and ipratropium bromide from two nebulizer systems in chronic stable asthma. Efficacy and pulmonary deposition. Johnson MA, et al. **Chest** 1989 Jul; 96(1):6–10

ATTENTION

Sensory input deficits and negative symptoms in schizophrenic patients. Braff DL. **Am J Psychiatry** 1989 Aug;146(8):1006–11

Hemispatial neglect [letter] LeFever FF. **Neurology** 1989 Jul; 39(7):1006

ATTENTION DEFICIT DISORDER WITH HYPERACTIVITY

Management of attention deficit [letter] Kwasman A. **Clin Pediatr (Phila)** 1989 Jul;28(7):336

ATTITUDE

Patient expectations of radiology in noninteractive encounters. Smith WL, et al. **Radiology** 1989 Jul; 172(1):275–6

ATTITUDE OF HEALTH PERSONNEL

Physician attitudes toward the "laying on of hands" during the AIDS epidemic. Linn LS, et al. **Acad Med** 1989 Jul; 64(7):408–9

The illusion of futility in clinical practice. Lantos JD, et al. **Am J Med** 1989 Jul;87(1):81–4

A plea for lateral thinking by obstetric anaesthetist [letter] Carrie LE. **Anaesthesia** 1989 May;44(5):444

Role of the physician as opinion leader in tobacco control. Kunze M. **Chest** 1989 Jul;96(1 Suppl):13S–14S

A little more nursing homework [editorial] Kelly LS. **Nurs Outlook** 1989 Jul–Aug;37(4):163

Why do I even try? [letter] Hunt J. **Postgrad Med** 1989 Jul; 86(1):30, 33

Would you eat cookies prepared by an AIDS patient? Survey reveals harmful attitudes among professionals. Wormser GP, et al. **Postgrad Med** 1989 Jul;86(1):174–5, 178, 181–3 passim

Physicians' attitudes toward the legalization of marijuana use. Linn LS, et al. **West J Med** 1989 Jun;150(6):714–7

Understanding of elderly patients' resuscitation preferences by physicians and nurses. Uhlmann RF, et al. **West J Med** 1989 Jun;150(6):705–7

ATTITUDE TO DEATH

A piece of my mind. Windows. Campion FD. **JAMA** 1989 Jul 28;262(4):556

A piece of my mind. So much more to say. Leff PT. **JAMA** 1989 Jul 21;262(3):402

ATTITUDE TO HEALTH

The illusion of futility in clinical practice. Lantos JD, et al. **Am J Med** 1989 Jul;87(1):81–4

Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876–80

Old? Who's old? Anderson E. **Geriatrics** 1989 Jul;44(7):92–3

AIDS and traditional health beliefs and practices of black women. Flaskerud JH, et al. **Nurs Res** 1989 Jul–Aug; 38(4):210–5

Acquired immunodeficiency syndrome and adolescents: knowledge, attitudes, beliefs, and behaviors in a New York City adolescent minority population. Goodman E, et al. **Pediatrics** 1989 Jul;84(1):36–42

It's a miracle! Wassersug JD. **Postgrad Med** 1989 Jul; 86(1):76–7
Would you eat cookies prepared by an AIDS patient? Survey reveals harmful attitudes among professionals. Wormser GP, et al. **Postgrad Med** 1989 Jul;86(1):174–5, 178, 181–3 passim
The importance of hope. Levine AM. **West J Med** 1989 May; 150(5):609

AUDIOMETRY, EVOKED RESPONSE

Electrocochleographic changes in endolymphatic hydrops induced by type II collagen immunization through the stylomastoid foramen. Ohashi T, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):556–62

AUDITORY PERCEPTION

Audiotape playback as a technique in the treatment of schizophrenic patients. Satel SL, et al. **Am J Psychiatry** 1989 Aug;146(8):1012–6

AUTISM, INFANTILE

ERG b-wave amplitude and brain dopaminergic activity [letter] Castrogiovanni P, et al. **Am J Psychiatry** 1989 Aug; 146(8):1085–6
The UCLA-University of Utah epidemiologic survey of autism: recurrence risk estimates and genetic counseling. Ritvo ER, et al. **Am J Psychiatry** 1989 Aug;146(8):1032–6

AUTOANTIBODIES

Identification of an autoantibody to vascular endothelial cell-specific antigens in patients with systemic vasculitis. Brasile L, et al. **Am J Med** 1989 Jul;87(1):74–80
Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Leventhal LJ, et al. **Am J Med** 1989 Jul;87(1):111–3
Lupus anticoagulant [letter] Yap AS, et al. **Ann Intern Med** 1989 Aug 1;111(3):262–3
An antibody that inhibits in vitro bone marrow proliferation in a patient with systemic lupus erythematosus and aplastic anemia. Bailey FA, et al. **Arthritis Rheum** 1989 Jul; 32(7):901–5
Do autoantibodies inhibit function of their cognate antigens in vivo? [editorial] Tan EM. **Arthritis Rheum** 1989 Jul; 32(7):924–5
Anti-sympathetic nervous system autoantibodies. Diminished catecholamines with orthostasis. Brown FM, et al. **Diabetes** 1989 Jul;38(7):938–41
Parietal cell autoantigens involved in neonatal thymectomy-induced murine autoimmune gastritis. Studies using monoclonal autoantibodies. Mori Y, et al. **Gastroenterology** 1989 Aug;97(2):364–75
Anti-KJ: a new antibody associated with the syndrome of polymyositis and interstitial lung disease. Targoff IN, et al. **J Clin Invest** 1989 Jul;84(1):162–72
Lupus anticoagulant, anticardiolipin antibodies, and human immunodeficiency virus in haemophilia. Cohen H, et al. **J Clin Pathol** 1989 Jun;42(6):629–33
Significance of the recognition of certain antigenic regions on the human thyroglobulin molecule by natural autoantibodies from healthy subjects. Bouanani M, et al. **J Immunol** 1989 Aug 15;143(4):1129–32
Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies. Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. Haverty TP, et al. **J Immunol** 1989 Aug 15; 143(4):1133–41
Insulin autoantibodies as markers of potential diabetes mellitus [letter] Betterle C, et al. **Lancet** 1989 Jul 22; 2(8656):223–4

AUTOANTIGENS

Reactivity of antinuclear antibodies with histones and other antigens in juvenile rheumatoid arthritis. Malleson P, et al. **Arthritis Rheum** 1989 Jul;32(7):919–23
Do autoantibodies inhibit function of their cognate antigens in vivo? [editorial] Tan EM. **Arthritis Rheum** 1989 Jul; 32(7):924–5
Parietal cell autoantigens involved in neonatal thymectomy-induced murine autoimmune gastritis. Studies using monoclonal autoantibodies. Mori Y, et al. **Gastroenterology** 1989 Aug;97(2):364–75
Significance of the recognition of certain antigenic regions on the human thyroglobulin molecule by natural autoantibodies from healthy subjects. Bouanani M, et al. **J Immunol** 1989 Aug 15;143(4):1129–32

AUTOIMMUNE DISEASES

Reciprocal allogeneic bone marrow transplantation between NOD mice and diabetes-nonsusceptible mice associated with transfer and prevention of autoimmune diabetes. LaFace DM, et al. **Diabetes** 1989 Jul;38(7):894–901
Parietal cell autoantigens involved in neonatal thymectomy-induced murine autoimmune gastritis. Studies using monoclonal autoantibodies. Mori Y, et al. **Gastroenterology** 1989 Aug;97(2):364–75
HLA A1, B8, DR3 extended haplotypes in autoimmune chronic hepatitis. Tait B, et al. **Gastroenterology** 1989 Aug; 97(2):479–81
Interactions between autoimmunity and molecular and cell biology. Bridges between clinical and basic sciences. Tan EM. **J Clin Invest** 1989 Jul;84(1):1–6 (73 ref.)
Analysis of variable region genes encoding a human anti-DNA antibody of normal origin. Implications for the molecular basis of human autoimmune responses. Cairns E, et al. **J Immunol** 1989 Jul 15;143(2):685–91
Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune-prone lpr mice. Coggeshall KM, et al. **J Immunol** 1989 Aug 1; 143(3):780–6
In-vivo anti-CD3 treatment of autoimmune patients [letter] Chatenoud L, et al. **Lancet** 1989 Jul 15;2(8655):164

AUTOMATIC DATA PROCESSING

Bar coding permeates the health care field. Longe K. **Hospitals** 1989 Jul 5;63(13):FB56, FB58

AUTOMOBILE DRIVING

From the Centers for Disease Control. Behavioral risk factor surveillance—selected states, 1987. **JAMA** 1989 Aug 11; 262(6):753–4

AUTOMOBILES

Mortality rates among employees potentially exposed to chrysotile asbestos at two automotive parts factories. Finkelstein MM. **Can Med Assoc J** 1989 Jul 15; 141(2):125–30

AUTONOMIC NERVE BLOCK

Thermographic evidence for demarcation of the sympatholytic effect following intravenous regional guanethidine block (IVRGB) [letter] Weyland A, et al. **Anesthesiology** 1989 Jul;71(1):171–2

AUTONOMIC NERVOUS SYSTEM DISEASES

HLA in autonomic failure. Nee LE, et al. **Arch Neurol** 1989 Jul;46(7):758–9
Ovarian cyst and autonomic dysreflexia. Kumar VN, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):547–8
Sweating abnormalities and other autonomic disorders in diabetes mellitus. Stewart JD. **Mayo Clin Proc** 1989 Jun; 64(6):712–5

AWARDS AND PRIZES

Awards. And the winner is.... **Hospitals** 1989 Jul 5; 63(13):FB70
Pediatric Urology Medal. J. Herbert Johnston tribute. Glassberg KI. **J Urol** 1989 Aug;142(2 Pt 2):544–5

AXILLARY ARTERY

Axillary block utilizing the pulse oximeter [letter] Sullivan MJ, et al. **Anesthesiology** 1989 Jul;71(1):166–7
Thrombosis of axillary-femoral bypass secondary to prosthesis suspension belt. Rook JL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):559–61
Axillary arterial monitoring of pediatric patients. Lawless S, et al. **Pediatrics** 1989 Aug;84(2):273–5

AXONS

Axonal injury in the optic nerve: a model simulating diffuse axonal injury in the brain. Gennarelli TA, et al. **J Neurosurg** 1989 Aug;71(2):244–53

AZATHIOPRINE

Toxic effects of azathioprine in rheumatoid arthritis. A national post-marketing perspective. Singh G, et al. **Arthritis Rheum** 1989 Jul;32(7):837–43

AZO COMPOUNDS

Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. **J Immunol** 1989 Jul 15; 143(2):446–51

AZYGOS VEIN

Blunt chest trauma with transection of the azygos vein: case report. Snyder CL, et al. **J Trauma** 1989 Jun;29(6):889–90 (10 ref.)

BACILLUS

Pseudomeningitis: report of a case caused by Bacillus and review of the literature. Cunha BA, et al. **Heart Lung** 1989 Jul;18(4):418–20 (16 ref.)
Treatment of Bacillus infections [letter] Barson WJ. **Pediatrics** 1989 Aug;84(2):403–4

BACK

Congenital soft-part chondroma. A case report. Miki T, et al. **Clin Orthop** 1989 Jul;(244):244–8

BACKACHE

Back pain following epidurally administered Nesacaine-MPF. Fibuch EE, et al. **Anesth Analg** 1989 Jul; 69(1):979–81
Diffuse idiopathic skeletal hyperostosis (DISH) of the spine: a cause of back pain? A controlled study. Schlapbach P, et al. **Br J Rheumatol** 1989 Aug;28(4):299–303 (21 ref.)
On developing expert-based decision-support systems in physical therapy: the NIOSH low back atlas. Delitto A, et al. **Phys Ther** 1989 Jul;69(7):554–8

BACLOFEN

Physostigmine in the treatment of intrathecal baclofen overdose. Report of three cases. Müller-Schwefe G, et al. **J Neurosurg** 1989 Aug;71(2):273–5

BACTERIA

Evaluation of the Anoxomat: a new technique for anaerobic and microaerophilic clinical bacteriology. Brazier JS, et al. **J Clin Pathol** 1989 Jun;42(6):640–4
Inhibition of bacterial growth in vitro following stimulation with high voltage, monophasic, pulsed current. Kincaid CB, et al. **Phys Ther** 1989 Aug;69(8):651–5

BACTERIAL ADHESION

Evidence of inherited susceptibility of increased streptococcal adherence to pharyngeal cells of children with rheumatic fever. Hafez M, et al. **Br J Rheumatol** 1989 Aug;28(4):304–9

BACTERIAL INFECTIONS

Reconsideration of IgM-enriched intravenous immunoglobulin for neonatal sepsis [letter] Hall SL. **Am J Dis Child** 1989 Jul;143(7):766
Septic and nonseptic olecranon bursitis. Utility of the surface temperature probe in the early differentiation of septic and nonseptic cases. Smith DL, et al. **Arch Intern Med** 1989 Jul;149(7):1581–5
Use of extracorporeal supportive techniques as additional treatment for septic-induced multiple organ failure patients. Barzilay E, et al. **Crit Care Med** 1989 Jul;17(7):634–7
Pseudomeningitis: report of a case caused by Bacillus and review of the literature. Cunha BA, et al. **Heart Lung** 1989 Jul;18(4):418–20 (16 ref.)
Combating infections in neutropenic patients. Pizzo PA. **Hosp Pract [Off]** 1989 Jul 15;24(7):93–100, 103–4, 107–10 (7 ref.)
Current issues in food safety—especially seafoods. Liston J. **J Am Diet Assoc** 1989 Jul;89(7):911–3
"New" food-borne pathogens of public health significance. Ryser ET, et al. **J Am Diet Assoc** 1989 Jul;89(7):948–54 (57 ref.)
Two-stage reconstruction of a total hip arthroplasty because of infection. McDonald DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):828–34
Infection after intramedullary nailing of severe open tibial fractures initially treated with external fixation. Maurer DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):835–8
Inhibition of endotoxin-induced bacterial translocation in mice. Deitch EA, et al. **J Clin Invest** 1989 Jul;84(1):36–42
Acute-phase reactants in sickle cell disease. Becton DL, et al. **J Pediatr** 1989 Jul;115(1):99–102
TEN versus TPN following major abdominal trauma—reduced septic morbidity. Moore FA, et al. **J Trauma** 1989 Jul;29(7):916–22; discussion 922–3
"Boil the water" [letter] Mayon-White RT, et al. **Lancet** 1989 Jul 22;2(8656):216
Incidence and sonographic diagnosis of bacterial ileocaecitis masquerading as appendicitis. Puylaert JB, et al. **Lancet** 1989 Jul 8;2(8654):84–6
Zidovudine-induced neutropenia: are we too cautious? Shaunak S, et al. **Lancet** 1989 Jul 8;2(8654):91–2
Recent developments in the understanding of the pathogenesis and treatment of anaerobic infections (2). Styrt B, et al. **N Engl J Med** 1989 Jul 27;321(4):240–6 (157 ref.)
Recent developments in the understanding of the pathogenesis and treatment of anaerobic infections (2). Styrt B, et al. **N Engl J Med** 1989 Aug 3;321(5):298–302 (267 ref.)
Clindamycin versus metronidazole in the treatment of bacterial vaginosis [letter] Bignardi GE. **Obstet Gynecol** 1989 Aug;74(2):281–2
Treatment of Bacillus infections [letter] Barson WJ. **Pediatrics** 1989 Aug;84(2):403–4

BACTERIAL PROTEINS

The Fc binding site for streptococcal protein G is in the C gamma 2-C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. **J Immunol** 1989 Jul 15;143(2):565–70

Effect of a Campylobacter pylori protein on acid secretion by parietal cells. Cave DR, et al. **Lancet** 1989 Jul 22; 2(8656):187–9

BACTERIAL TOXINS

Quantitation of the rabbit intestinal glycolipid receptor for Shiga toxin. Further evidence for the developmental regulation of globotriaosylceramide in microvillus membranes. Mobassaleh M, et al. **Gastroenterology** 1989 Aug;97(2):384–91

BACTERIAL VACCINES

Haemophilus influenzae type b conjugate vaccine trial in Oxford: implications for the United Kingdom. Tudor-Williams G, et al. **Arch Dis Child** 1989 Apr; 64(4):520–4

American Academy of Pediatrics Committee on Infectious Diseases: Haemophilus influenzae type b conjugate vaccines: update. **Pediatrics** 1989 Aug;84(2):386–7

Haemophilus influenzae type b polysaccharide vaccine: an efficacy study. Haemophilus Vaccine Efficacy Study Group. Harrison LH, et al. **Pediatrics** 1989 Aug; 84(2):255–61

BACTERIOLOGICAL TECHNICS

Evaluation of the Anoxomat: a new technique for anaerobic and microaerophilic clinical bacteriology. Brazier JS, et al. **J Clin Pathol** 1989 Jun;42(6):640–4

Comparison of latex agglutination with established bacteriological tests for diagnosis of cerebrospinal meningitis [letter] Burans JP, et al. **Lancet** 1989 Jul 15; 2(8655):158–9

BACTERIURIA

Screening for bacteriuria in elderly people [letter] **Lancet** 1989 Jul 8;2(8654):98–9

BACTEROIDES INFECTIONS

Role of anaerobic bacteria in intra-abdominal septic abscesses in mediating septic control of skeletal muscle glucose oxidation and lactic acidemia. Vary TC, et al. **J Trauma** 1989 Jul;29(7):1003–13; discussion 1013–4

BALLOON DILATATION

Early restenosis following successful percutaneous balloon valvuloplasty for calcific valvular aortic stenosis. Del Core MG, et al. **Am Heart J** 1989 Jul;118(1):181–2

Percutaneous double balloon valvuloplasty for severe tricuspid stenosis. Goldenberg IF, et al. **Am Heart J** 1989 Aug;118(2):417–9

Stimulation of atrial natriuretic peptide and vasopressin during percutaneous transluminal aortic valvuloplasty. Lewin RF, et al. **Am Heart J** 1989 Aug;118(2):292–8

Significance of infundibular obstruction following balloon valvuloplasty for valvar pulmonic stenosis. Thapar MK, et al. **Am Heart J** 1989 Jul;118(1):99–103

Successful percutaneous transvenous catheter balloon mitral commissurotomy after warfarin therapy and resolution of left atrial thrombus. Hung JS, et al. **Am J Cardiol** 1989 Jul 1;64(1):126–8

Percutaneous double balloon mitral valvuloplasty in pregnant women. Mangione JA, et al. **Am J Cardiol** 1989 Jul 1; 64(1):99–102

Percutaneous balloon valve dilatation [letter] Millner R, et al. **BMJ** 1989 Apr 29;298(6681):1181–2

Balloon tamponade in variceal bleeding: use and misuse. Vlavianos P, et al. **BMJ** 1989 Apr 29;298(6681):1158

Balloon dilatation of stenosed Blalock-Taussig shunts. Qureshi SA, et al. **Br Heart J** 1989 May;61(5):432–4

Percutaneous aortic valvuloplasty procedure and implications for nursing. Nichols L, et al. **Heart Lung** 1989 Jul; 18(4):356–63 (18 ref.)

Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. Bittl JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):135–42

Balloon dilation of pulmonary venous pathway obstruction after Mustard repair for transposition of the great arteries. Cooper SG, et al. **J Am Coll Cardiol** 1989 Jul;14(1):194–8

Venous rupture during transvenous approach to a carotid-cavernous fistula. Case report. King WA, et al. **J Neurosurg** 1989 Jul;71(1):133–7

The role of intra-aortic balloon occlusion in penetrating abdominal trauma. Gupta BK, et al. **J Trauma** 1989 Jun; 29(6):861–5

Transcatheter treatment of congenital heart disease. Beekman RH, et al. **Prog Cardiovasc Dis** 1989 Jul-Aug;32(1):1–30 (110 ref.)

Dilation of benign ureteral strictures. Beckmann CF, et al. **Radiology** 1989 Aug;172(2):437–41

BARBITURATES

The contractile responses of isolated dog cerebral and extracerebral arteries to oxybarbiturates and thiobarbiturates. Hatano Y, et al. **Anesthesiology** 1989 Jul; 71(1):80–6

BARIUM SULFATE

Fatal hypersensitivity reaction during a barium enema. Feczko PJ, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):275–6

Barium sulfate absorption and sensitivity. Ahmed A, et al. **Radiology** 1989 Jul;172(1):213–4

BARRETT ESOPHAGUS

Technetium pertechnetate esophageal imaging for detection of Barrett's esophagus. Yegelwel EJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1075–8

BARTHOLIN'S GLANDS

Aerobic and anaerobic microbiology of Bartholin's abscess. Brook I. **Surg Gynecol Obstet** 1989 Jul;169(1):32–4

BASAL GANGLIA DISEASES

Traumatic basal ganglia hemorrhage: clinicopathologic features and outcome. Katz DI, et al. **Neurology** 1989 Jul; 39(7):897–904

BASE SEQUENCE

Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. Barker RL, et al. **J Immunol** 1989 Aug 1;143(3):952–5

BASOPHILS

Regulation of human basophil mediator release by cytokines. I. Interaction with antiinflammatory steroids. Schleimer RP, et al. **J Immunol** 1989 Aug 15;143(4):1310–7

Spontaneous release of histamine from basophils and histamine-releasing factor in patients with atopic dermatitis and food hypersensitivity [see comment] Sampson HA, et al. **N Engl J Med** 1989 Jul 27;321(4):228–32. **Comment on:** N Engl J Med 1989 Jul 27;321(4):255–7

BATHS, FINNISH

Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Luurila OJ, et al. **Am J Cardiol** 1989 Jul 1; 64(1):97–9

BCG VACCINE

Duration of protection against tuberculosis conferred by BCG vaccination in infancy [letter] Packe GE, et al. **Arch Dis Child** 1989 Apr;64(4):634–5

BECLOMETHASONE

Mania triggered by a steroid nasal spray in a patient with stable bipolar disorder [letter] Goldstein ET, et al. **Am J Psychiatry** 1989 Aug;146(8):1076–7

High doses of inhaled corticosteroids in unstable chronic asthma. A multicenter, double-blind, placebo-controlled study. Salmeron S, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):167–71

BED REST

Bed rest and postlumbar puncture headache. The effectiveness of 24 hours' recumbency in reducing the incidence of postlumbar puncture headache. Cook PT, et al. **Anaesthesia** 1989 May;44(5):389–91

BEE VENOMS

Identification of the discontinuous epitope in human complement protein C9 recognized by anti-melittin antibodies. Laine RO, et al. **J Immunol** 1989 Jul 15; 143(2):553–7

BEHAVIOR

From the Centers for Disease Control. Behavioral risk factor surveillance—selected states, 1987. **JAMA** 1989 Aug 11; 262(6):753–4

Behavioral distress in pediatric patients with cancer receiving chemotherapy. Dolgin MJ, et al. **Pediatrics** 1989 Jul; 84(1):103–10

BEHAVIOR, ANIMAL

Imipramine and alprazolam treatment of lactate-induced acute endogenous distress in nonhuman primates. Sunderland G, et al. **Am J Psychiatry** 1989 Aug; 146(8):1044–7

BENZIMIDAZOLES

Effects of NC-1300, a gastric proton pump inhibitor, on healing of acetic acid-induced gastric ulcers in rats. Okabe S, et al. **Dig Dis Sci** 1989 Jul;34(7):1035–42

BENZODIAZEPINE TRANQUILIZERS

Adjunctive buspirone in benzodiazepine treatment of four patients with panic disorder. Gastfriend DR, et al. **Am J Psychiatry** 1989 Jul;146(7):914–6

BENZODIAZEPINONES

MK-329 has no direct effect on the pancreas [letter] Berlin RG. **Gastroenterology** 1989 Aug;97(2):553–4

BENZO(A)PYRENE

Molecular mechanisms in chemically induced cancer. O'Connor PJ. **Chest** 1989 Jul;96(1 Suppl):24S–25S (13 ref.)

BERIBERI

Beriberi secondary to tooth decay [letter] Probert CS. **Lancet** 1989 Jul 1;2(8653):51–2

Outbreak of beri-beri in The Gambia. Tang CM, et al. **Lancet** 1989 Jul 22;2(8656):206–7

BETA-ENDORPHIN

Beta-endorphin levels during pregnancy and labor: a role in pain modulation? Cahill CA. **Nurs Res** 1989 Jul-Aug; 38(4):200–3

BETA 2 MICROGLOBULIN

Beta 2-microglobulin is not a bone cell mitogen. Jennings JC, et al. **Endocrinology** 1989 Jul;125(1):404–9

BETAMETHASONE

"Fingertip unit" in dermatology [letter] Finlay AY, et al. **Lancet** 1989 Jul 15;2(8655):155

BETHANECHOL COMPOUNDS

Intracerebral drug delivery in rats with lesion-induced memory deficits. Howard MA 3d, et al. **J Neurosurg** 1989 Jul;71(1):105–12

BEVERAGES

Comfrey herb tea-induced hepatic veno-occlusive disease. Bach N, et al. **Am J Med** 1989 Jul;87(1):97–9

Hepatic veno-occlusive disease and herbal teas [letter] Ridker PM. **J Pediatr** 1989 Jul;115(1):167

BICARBONATES

Effect of bicarbonate administration on cardiac function. Ayus JC, et al. **Am J Med** 1989 Jul;87(1):5–6 (28 ref.)

Metabolic and hemodynamic consequences of sodium bicarbonate administration in patients with heart disease. Bersin RM, et al. **Am J Med** 1989 Jul;87(1):7–14

Management of chronic blepharitis [letter] Coroneo M. **Arch Ophthalmol** 1989 Jul;107(7):951–2

Effect of enprostil on amphibian gastroduodenal and human gastric bicarbonate secretion. Shorrock CJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1016–20

Stimulation of duodenal mucosal bicarbonate secretion in the rat by brain peptides. Flemström G, et al. **Gastroenterology** 1989 Aug;97(2):412–20

Bicarbonate-dependent and -independent intracellular pH regulatory mechanisms in rat hepatocytes. Evidence for Na+-HCO3- cotransport. Gleeson D, et al. **J Clin Invest** 1989 Jul;84(1):312–21

Angiotensin II stimulates early proximal bicarbonate absorption in the rat by decreasing cyclic adenosine monophosphate. Liu FY, et al. **J Clin Invest** 1989 Jul; 84(1):83–91

BILE

Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459–68

Patterns of leukocyte chemotaxis to bile after liver transplantation. Adams DH, et al. **Gastroenterology** 1989 Aug;97(2):433–8

BILE ACIDS AND SALTS

Benign recurrent intrahepatic cholestasis: altered bile acid metabolism. Bijleveld CM, et al. **Gastroenterology** 1989 Aug;97(2):427–32

Role of primary and secondary bile acids as feedback inhibitors of bile acid synthesis in the rat in vivo. Stange EF, et al. **J Clin Invest** 1989 Jul;84(1):173–80

BILE DUCT NEOPLASMS

Targeting chemotherapy for intrahepatic periductal lymphatic invasion by mitomycin C adsorbed to activated charcoal in hepatic hilar bile duct cancer. Koyama K, et al. **Am J Surg** 1989 Jul;158(1):8–13

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right

hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542–6
The development and extension of hepatohilar bile duct carcinoma. A three-dimensional tumor mapping in the intrahepatic biliary tree visualized with the aid of a graphics computer system. Suzuki M, et al. **Cancer** 1989 Aug 1; 64(3):658–66
Hilar cholangiocarcinoma associated with clonorchiasis. Sher L, et al. **Dig Dis Sci** 1989 Jul;34(7):1121–3

BILE DUCTS

The development and extension of hepatohilar bile duct carcinoma. A three-dimensional tumor mapping in the intrahepatic biliary tree visualized with the aid of a graphics computer system. Suzuki M, et al. **Cancer** 1989 Aug 1; 64(3):658–66
Biliary tract dilatation in chronic pancreatitis: CT and sonographic findings. Huntington DK, et al. **Radiology** 1989 Jul;172(1):47–50
Gianturco expandable metallic biliary stents: results of a European clinical trial. Irving JD, et al. **Radiology** 1989 Aug;172(2):321–6
Pleural block: technique for regional anesthesia during percutaneous hepatobiliary drainage. Rosenblatt M, et al. **Radiology** 1989 Jul;172(1):279–80

BILE DUCTS, INTRAHEPATIC

Percutaneous ultrasonic lithotripsy and endoscopic removal of retained intrahepatic stone [letter] Hoe J, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):428–9
Targeting chemotherapy for intrahepatic periductal lymphatic invasion by mitomycin C adsorbed to activated charcoal in hepatic hilar bile duct cancer. Koyama K, et al. **Am J Surg** 1989 Jul;158(1):8–13

BILIARY TRACT DISEASES

Biliary tract complications in orthotopic adult liver transplantation. Wilson BJ, et al. **Am J Surg** 1989 Jul; 158(1):68–70
Treatment of biliary colic with loxiglumide [letter] Beglinger C, et al. **Lancet** 1989 Jul 15;2(8655):167
Exophytic spread of hepatobiliary disease via perihepatic ligaments: demonstration with CT and US. Mori H, et al. **Radiology** 1989 Jul;172(1):41–6
Choledochoscopy of the cystic duct as a new approach to the biliary tree. Reid BA Jr. **Surg Gynecol Obstet** 1989 Jul;169(1):68–70

BILIARY TRACT NEOPLASMS

Biliary carcinoma: CT evaluation of extrahepatic spread. Engels JT, et al. **Radiology** 1989 Jul;172(1):35–40

BILIARY TRACT SURGERY

Topical antibiotics in high-risk biliary surgical patients [letter] Minnard EA. **Am J Surg** 1989 Jul;158(1):79

BILIRUBIN

Skin colour and bilirubin in neonates. Knudsen A, et al. **Arch Dis Child** 1989 Apr;64(4):605–9
Retinopathy of prematurity and bilirubin [letter] Boynton BR, et al. **N Engl J Med** 1989 Jul 20;321(3):193–4

BINDING SITES, ANTIBODY

Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. Marano N, et al. **J Immunol** 1989 Aug 1;143(3):931–8
The Fc binding site for streptococcal protein G is in the C gamma 2-C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. **J Immunol** 1989 Jul 15;143(2):565–70

BIOCOMPATIBLE MATERIALS

The effect of silicon nitride ceramic on rabbit skeletal cells and tissue. An in vitro and in vivo investigation. Howlett CR, et al. **Clin Orthop** 1989 Jul;(244):293–304
Characterization of tissue from the bone-polymethylmethacrylate interface in a rat experimental model. Demonstration of collagen-degrading activity and bone-resorbing potential. Coe MR, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):863–74

BIOFEEDBACK (PSYCHOLOGY)

Symptomatic mitral valve prolapse in children and adolescents: catecholamines, anxiety, and biofeedback. Smith MS, et al. **Pediatrics** 1989 Aug;84(2):290–5

BIOLOGICAL PRODUCTS

Cytotoxic and cytostatic effects of the streptococcal preparation OK-432 and its subcellular fractions on human ovarian tumor cells. Nio Y, et al. **Cancer** 1989 Jul 15; 64(2):434–41

BIOLOGICAL WARFARE

Biological weapons proliferation arouses United States and international concern [news] Gunby P. **JAMA** 1989 Aug 4;262(5):605–6
Medicine in defense against biological warfare. Huxsoll DL, et al. **JAMA** 1989 Aug 4;262(5):677–9
Biological defense research: charting a safer course. Jacobson JA, et al. **JAMA** 1989 Aug 4;262(5):675–6 (11 ref.)
Chemical and biological warfare. Should defenses be researched and deployed? Orient JM. **JAMA** 1989 Aug 4;262(5):644–8 (49 ref.)
Weapons of mass destruction: the greatest threat to public health. Sidel VW. **JAMA** 1989 Aug 4;262(5):680–2

BIOLOGY

Twenty books clad in black or red. Morowitz HJ. **Hosp Pract [Off]** 1989 Jul 15;24(7):207–8

BIOMPHALARIA

Schistosoma mansoni antigens recognized in Biomphalaria glabrata hemolymph by monoclonal antibodies. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):605–12
Identification of snails infected with schistosomes by ELISA employing monoclonal antibodies: Schistosoma mansoni in laboratory snails (Biomphalaria glabrata) and in field snails (Biomphalaria pfeifferi) from Kenya. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):613–9

BIOPROSTHESIS

Use of a bioprosthesis to relieve tension in oesophageal anastomosis: an experimental study. Carachi R, et al. **Br J Surg** 1989 May;76(5):496–8
Aortic valve replacement with the Hancock standard, Björk-Shiley, and Lillehei-Kaster prostheses. A comparison based on follow-up from 1 to 15 years. Milano AD, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):37–47

BIOPSY

Fluoroscopically guided retrograde brush biopsy in the diagnosis of transitional cell carcinoma of the upper urinary tract: results in 45 patients. Sheline M, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):313–6
Transvenous biopsy diagnosis of cardiac lymphoma in an AIDS patient. Andress JD, et al. **Am Heart J** 1989 Aug; 118(2):421–3
Electrocautery and hormone receptor status in breast biopsy. Glen PM, et al. **Am J Surg** 1989 Jul;158(1):6–7
Emergency lung biopsy in immunocompromised pediatric patients. Foglia RP, et al. **Ann Surg** 1989 Jul;210(1):90–2
Coronary artery to right ventricle fistula in heart transplant recipients: a complication of endomyocardial biopsy. Henzlova MJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):258–61
Morbidity of lymph node sampling in cancers of the uterine corpus and cervix. Moore DH, et al. **Obstet Gynecol** 1989 Aug;74(2):180–4
Staging techniques and biopsy of bone tumors. Heare TC, et al. **Orthop Clin North Am** 1989 Jul;20(3):273–85 (29 ref.)
Muscle biopsy testing for malignant hyperthermia [letter] Allen G, et al. **Plast Reconstr Surg** 1989 Aug;84(2):373–4

BIOPSY, NEEDLE

Fine-needle aspiration by vacuum tubes. Holmquist ND. **Am J Clin Pathol** 1989 Jul;92(1):86–8
Transbronchial fine-needle aspiration. Reliability and limitations. Wagner ED, et al. **Am J Clin Pathol** 1989 Jul; 92(1):36–41
Guidelines for percutaneous transthoracic needle biopsy. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Sokolowski JW Jr, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):255–6
Guidelines for thoracentesis and needle biopsy of the pleura. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Sokolowski JW Jr, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):257–8
A new surgical localization technique for biopsy in patients with nipple discharge. Choudhury A, et al. **Arch Surg** 1989 Jul;124(7):874–5
Fine-needle aspiration for breast mass diagnosis. Wolberg WH, et al. **Arch Surg** 1989 Jul;124(7):814–8
The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer. Meacham RB, et al. **J Urol** 1989 Aug;142(2):320–5
Mediastinal tumors: biopsy under US guidance. Wernecke K, et al. **Radiology** 1989 Aug;172(2):473–6
The use of fine-needle aspiration biopsy in children. Cohen MB, et al. **West J Med** 1989 Jun;150(6):665–7

BIOTECHNOLOGY

Biotechnology computing: information science for the era of molecular medicine. Masys DR. **Acad Med** 1989 Jul; 64(7):379–81

BIOTIN

Interphase cytogenetics using biotin and digoxigenin labelled probes I: relative sensitivity of both reporter molecules for detection of HPV16 in CaSki cells. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):592–600
Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):601–6

BIPOLAR DISORDER

Bipolar affective disorder and high achievement: a familial association. Coryell W, et al. **Am J Psychiatry** 1989 Aug; 146(8):983–8
Mania triggered by a steroid nasal spray in a patient with stable bipolar disorder [letter] Goldstein ET, et al. **Am J Psychiatry** 1989 Aug;146(8):1076–7
Alternatives to lithium for preventive treatment of bipolar disorder. Prien RF, et al. **Am J Psychiatry** 1989 Jul; 146(7):840–8 (106 ref.)
Prodromal symptoms [letter] Roper PD. **Am J Psychiatry** 1989 Jul;146(7):941–2

BIRTH RATE

Effect of physician characteristics on the cesarean birth rate. Berkowitz GS, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):146–9

BIRTH WEIGHT

Neonatal mortality in normal birth weight babies: does the level of hospital care make a difference? Berg CJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):86–91
The effect of maternal weight gain in pregnancy on birth weight. Seidman DS, et al. **Obstet Gynecol** 1989 Aug; 74(2):240–6

BISEXUALITY

Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876–80

BITES AND STINGS

Human bite marks. Differential diagnosis. Gold MH, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):329–31
Dermatofibromas and arthropod bites: is there any evidence to link the two? Evans J, et al. **Lancet** 1989 Jul 1; 2(8653):36–7

BLACKS

Plasma pyridoxal 5'-phosphate concentrations in obese and nonobese black women residing near Petersburg, VA. Driskell JA, et al. **Am J Clin Nutr** 1989 Jul;50(1):37–40
Mandatory reporting of human immunodeficiency virus testing would deter blacks and Hispanics from being tested [letter] Fordyce EJ, et al. **JAMA** 1989 Jul 21;262(3):349
Preterm delivery: can we lower the black infant's first hurdle? [editorial] Hogue CJ, et al. **JAMA** 1989 Jul 28; 262(4):548–50
AIDS and traditional health beliefs and practices of black women. Flaskerud JH, et al. **Nurs Res** 1989 Jul-Aug; 38(4):210–5
Mortality rates [letter] Babson SG. **Pediatrics** 1989 Aug; 84(2):402–3

BLADDER

Catheter malposition during cystography: a cause of diagnostic errors. Zerin JM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):363–7
Predictive value of DNA measurements in bladder washings. Comparison of flow cytometry, image cytophotometry, and cytology in patients with a past history of urothelial tumors. Koss LG, et al. **Cancer** 1989 Aug 15;64(4):916–24
Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509–11; discussion 520–1
Bladder autoaugmentation: early clinical experience. Cartwright PC, et al. **J Urol** 1989 Aug;142(2 Pt 2):505–8; discussion 520–1
Complications of bladder mucosal graft. Ehrlich RM, et al. **J Urol** 1989 Aug;142(2 Pt 2):626–7; discussion 631
Bladder exstrophy: increase in capacity following epispadias repair. Gearhart JP, et al. **J Urol** 1989 Aug;142(2 Pt 2):525–6; discussion 542–3
Bladder neoplasms associated with augmentation cystoplasty: report of 2 cases and literature review. Golomb J, et al. **J Urol** 1989 Aug;142(2):377–80 (25 ref.)
Compatibility of enterocystoplasty and the artificial urinary sphincter. Gonzalez R, et al. **J Urol** 1989 Aug;142(2 Pt 2):502–4; discussion 520–1
Muscarinic cholinergic receptors in normal pediatric and myelodysplastic bladders. Gup DI, et al. **J Urol** 1989 Aug; 142(2 Pt 2):595–9; discussion 603–5
Closure of the exstrophic bladder: an evaluation of the factors leading to its success and its importance on urinary continence. Husmann DA, et al. **J Urol** 1989 Aug;142(2

Pt 2):522–4; discussion 542–3
Intravesical transurethral bladder stimulation to increase bladder capacity. Kaplan WE, et al. **J Urol** 1989 Aug;142(2 Pt 2):600–2; discussion 603–5
Pseudodiverticulum of the bladder: an unusual complication of pelvic trauma. Lastarria E, et al. **J Urol** 1989 Aug;142(2):372–3
Pharmacological responses of rabbit urinary bladder after subtotal cystectomy. Lin AT, et al. **J Urol** 1989 Aug;142(2):409–12
Denervation supersensitivity of the rabbit urinary bladder to calcium ion. Saito M, et al. **J Urol** 1989 Aug;142(2):418–21
Augmentation cystoplasty and the artificial genitourinary sphincter. Strawbridge LR, et al. **J Urol** 1989 Aug;142(2):297–301

BLADDER DISEASES

Pseudodiverticulum of the bladder: an unusual complication of pelvic trauma. Lastarria E, et al. **J Urol** 1989 Aug;142(2):372–3

BLADDER EXSTROPHY

Bladder exstrophy: increase in capacity following epispadias repair. Gearhart JP, et al. **J Urol** 1989 Aug;142(2 Pt 2):525–6; discussion 542–3
Closure of the exstrophic bladder: an evaluation of the factors leading to its success and its importance on urinary continence. Husmann DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):522–4; discussion 542–3
Phallic reconstruction in cloacal exstrophy. Husmann DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):563–4; discussion 572

BLADDER NECK OBSTRUCTION

Pulmonary development in the fetal lamb with severe bladder outlet obstruction and oligohydramnios: a morphometric study. Docimo SG, et al. **J Urol** 1989 Aug;142(2 Pt 2):657–60; discussion 667–8

BLADDER NEOPLASMS

Intraarterial cisplatin infusion in the management of transitional cell carcinoma of the bladder. Jacobs SC, et al. **Cancer** 1989 Jul 15;64(2):388–91
Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Langkilde NC, et al. **Cancer** 1989 Aug 15;64(4):849–53
Small cell carcinoma of the bladder. Report of five cases with immunohistochemistry and review of the literature with evaluation of prognosis according to stage. Podesta AH, et al. **Cancer** 1989 Aug 1;64(3):710–4 (26 ref.)
The effect of liposome encapsulated antineoplastic agents on transitional cell carcinoma in tissue culture. Egerdie RB, et al. **J Urol** 1989 Aug;142(2):390–8
Bladder neoplasms associated with augmentation cystoplasty: report of 2 cases and literature review. Golomb J, et al. **J Urol** 1989 Aug;142(2):377–80 (25 ref.)
Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. Iizumi T, et al. **J Urol** 1989 Aug; 142(2):386–9
The predictive value of repeated urine cell culture in soft agar for recurrences of transitional cell carcinoma. Kirkels WJ, et al. **J Urol** 1989 Aug;142(2):422–4
A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. Lundgren R, et al. **J Urol** 1989 Aug;142(2):374–6
Prognostic factors for recurrence and followup policies in the treatment of superficial bladder cancer: report from the British Medical Research Council Subgroup on Superficial Bladder Cancer (Urological Cancer Working Party). Parmar MK, et al. **J Urol** 1989 Aug;142(2):284–8
M-VAC (methotrexate, vinblastine, doxorubicin and cisplatin) chemotherapy for transitional cell carcinoma: the Princess Margaret Hospital experience. Tannock I, et al. **J Urol** 1989 Aug;142(2):289–92

BLADDER, NEUROGENIC

The unrecognized neuropathic bladder of infancy. Bauer SB, et al. **J Urol** 1989 Aug;142(2 Pt 2):589–91; discussion 603–5
Bladder autoaugmentation: early clinical experience. Cartwright PC, et al. **J Urol** 1989 Aug;142(2 Pt 2):505–8; discussion 520–1
Muscarinic cholinergic receptors in normal pediatric and myelodysplastic bladders. Gup DI, et al. **J Urol** 1989 Aug; 142(2 Pt 2):595–9; discussion 603–5
Intravesical transurethral bladder stimulation to increase bladder capacity. Kaplan WE, et al. **J Urol** 1989 Aug;142(2 Pt 2):600–2; discussion 603–5
Vesicoureteral reflux and voiding dysfunction: a prospective study. Seruca H. **J Urol** 1989 Aug;142(2 Pt 2):494–8; discussion 501
Neural stimulation for control of voiding dysfunction: a preliminary report in 22 patients with serious neuropathic voiding disorders. Tanagho EA, et al. **J Urol** 1989 Aug; 142(2):340–5
Clean, intermittent catheterization of infants with neurogenic bladder. Joseph DB, et al. **Pediatrics** 1989 Jul;84(1):78–82

BLASTOMYCOSIS

Divergent patterns of pulmonary blastomycosis induced by conidia and yeasts in athymic and euthymic mice. Frey CL, et al. **Am Rev Respir Dis** 1989 Jul;140(1):118–24

BLEOMYCINS

Nodular bleomycin toxicity. Cohen MB, et al. **Am J Clin Pathol** 1989 Jul;92(1):101–4 (11 ref.)
Nodular form of bleomycin-related pulmonary injury in patients with osteogenic sarcoma. Santrach PJ, et al. **Cancer** 1989 Aug 15;64(4):806–11 (33 ref.)
Treatment of oral leukoplakia with topical bleomycin. A pilot study. Wong F, et al. **Cancer** 1989 Jul 15;64(2):361–5

BLINDNESS

Traumatic monocular blindness and associated carotid injuries. King MA, et al. **Pediatrics** 1989 Jul;84(1):128–32

BLISTER

Mediators of inflammation in blister fluids from patients with pemphigus vulgaris and bullous pemphigoid. Grando SA, et al. **Arch Dermatol** 1989 Jul;125(7):925–30

BLOOD

Blood-injury phobia [letter] Fava GA, et al. **Am J Psychiatry** 1989 Jul;146(7):948–9
Should blood cultures be obtained in the evaluation of young febrile children without evident focus of bacterial infection? A decision analysis of diagnostic management strategies. Kramer MS, et al. **Pediatrics** 1989 Jul;84(1):18–27

BLOOD COAGULATION

Comparison of viscoelastic measures of coagulation after cardiopulmonary bypass. Tuman KJ, et al. **Anesth Analg** 1989 Jul;69(1):935–41
Intraoperative coagulation changes in children undergoing liver transplantation. Kang Y, et al. **Anesthesiology** 1989 Jul;71(1):44–7
Local abnormalities of coagulation and fibrinolytic pathways that promote alveolar fibrin deposition in the lungs of baboons with diffuse alveolar damage. Idell S, et al. **J Clin Invest** 1989 Jul;84(1):181–93
Gamma irradiated blood samples: unsuitability for haemostatic evaluation of high risk patients [letter] Cummins D, et al. **J Clin Pathol** 1989 Jun;42(6):667
Differing mechanisms of clotting inhibition by ionic and nonionic contrast agents. Ing JJ, et al. **Radiology** 1989 Aug; 172(2):345–8

BLOOD COAGULATION FACTORS

Lupus anticoagulant [letter] Yap AS, et al. **Ann Intern Med** 1989 Aug 1;111(3):262–3
Lupus anticoagulant, anticardiolipin antibodies, and human immunodeficiency virus in haemophilia. Cohen H, et al. **J Clin Pathol** 1989 Jun;42(6):629–33
Uremic plasma after infusion of desmopressin (DDAVP) improves the interaction of normal platelets with vessel subendothelium. Escolar G, et al. **J Lab Clin Med** 1989 Jul;114(1):36–42
Lupus anticoagulant and cerebrovascular accident in a patient with neurofibromatosis. Carr ME Jr, et al. **South Med J** 1989 Jul;82(7):921–3

BLOOD COAGULATION TESTS

Limit(ation)s for ACT [letter] Jobes DR, et al. **Anesth Analg** 1989 Jul;69(1):1008–10

BLOOD DONORS

A review of donor alanine aminotransferase testing. Implications for the blood donor and practitioner. Saxena S, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):767–71
Outbreak of HIV seropositivity among commercial plasma donors in Pune, India [letter] Banerjee K, et al. **Lancet** 1989 Jul 15;2(8655):166
Drugs in donated blood. Ferner RE, et al. **Lancet** 1989 Jul 8;2(8654):93–4

BLOOD FLOW VELOCITY

Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Vyas S, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):168–72

BLOOD GLUCOSE

The effect of elevated blood glucose on the electroencephalogram and cerebral metabolism during short-term brain ischemia in fetal sheep. Chao CR, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):221–8
The deadly quartet. Upper-body obesity, glucose intolerance, hypertriglyceridemia, and hypertension. Kaplan NM. **Arch Intern Med** 1989 Jul;149(7):1514–20 (76 ref.)
Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. Pollare T, et al. **BMJ** 1989 Apr 29; 298(6681):1152–7
Glucose and free fatty acid metabolism in non-insulin-dependent diabetes mellitus. Evidence for multiple sites of insulin resistance. Groop LC, et al. **J Clin Invest** 1989 Jul;84(1):205–13
Screening for gestational diabetes mellitus. Use and accuracy of capillary blood glucose measured with a reflectance meter. Yoo T, et al. **J Fam Pract** 1989 Jul;29(1):41–4
Early metabolic defects in persons at increased risk for non-insulin-dependent diabetes mellitus. Eriksson J, et al. **N Engl J Med** 1989 Aug 10;321(6):337–43

BLOOD GLUCOSE SELF-MONITORING

Adjustment of caloric intake based on self-monitoring in noninsulin-dependent diabetes mellitus: development and feasibility. Malik RL, et al. **J Am Diet Assoc** 1989 Jul; 89(7):960–1

BLOOD PLATELETS

Specific platelet mediators and unstable coronary artery lesions. Experimental evidence and potential clinical implications. Willerson JT, et al. **Circulation** 1989 Jul; 80(1):198–205 (42 ref.)
Uremic plasma after infusion of desmopressin (DDAVP) improves the interaction of normal platelets with vessel subendothelium. Escolar G, et al. **J Lab Clin Med** 1989 Jul;114(1):36–42
Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. Olson JD, et al. **J Lab Clin Med** 1989 Jul; 114(1):6–18
Different effects of bleeding and soft-tissue trauma on pulmonary platelet trapping in pigs. Blomquist S, et al. **J Trauma** 1989 Jun;29(6):866–72
Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. Benigni A, et al. **N Engl J Med** 1989 Aug 10;321(6):357–62

BLOOD PRESERVATION

Alteration of electrophoretic mobility of serum globulins after storage. Pudlak KA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):808–9

BLOOD PRESSURE

The relationship of treadmill test performance to blood pressure and other cardiovascular risk factors in adolescents. Gillum RF. **Am Heart J** 1989 Jul;118(1):161–71
Normative oscillometric blood pressure values in the first 5 years in an office setting. Park MK, et al. **Am J Dis Child** 1989 Jul;143(7):860–4
An increase in prostacyclin accompanies reduction of blood pressure following peritoneal closure in patients undergoing cesarean section [letter] Matsumoto M, et al. **Anesthesiology** 1989 Jul;71(1):170
Volume-pressure analysis of reflex changes in forearm venous function. A method by mental arithmetic stress and radionuclide plethysmography. Robinson VJ, et al. **Circulation** 1989 Jul;80(1):99–105
Effects of dexmedetomidine, a selective alpha 2-adrenoceptor agonist, on hemodynamic control mechanisms. Kallio A, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):33–42
Effects of lung hyperinflation on mean arterial pressure and postsuctioning hypoxemia. Stone KS, et al. **Heart Lung** 1989 Jul;18(4):377–85
Complete reversibility of physiological coronary vascular abnormalities in hypertrophied hearts produced by pressure overload in the rat. Isoyama S, et al. **J Clin Invest** 1989 Jul;84(1):288–94
Salt and blood pressure [letter] Cheng TO. **Lancet** 1989 Jul 22;2(8656):214–5
New fathers' blood pressure and heart rate: relationships to interaction with their newborn infants. Jones LC, et al. **Nurs Res** 1989 Jul-Aug;38(4):237–41
Axillary arterial monitoring of pediatric patients. Lawless S, et al. **Pediatrics** 1989 Aug;84(2):273–5

BLOOD PROTEINS

Evaluation of the new Behring Nephelometer in the measurement of M proteins. Vuorinen PI, et al. **Am J Clin Pathol** 1989 Jul;92(1):93–6
Conjunctival deposition of eosinophil granule major basic protein in vernal keratoconjunctivitis and contact lens-associated giant papillary conjunctivitis. Trocme SD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):57–63
Injurious effect of the eosinophil peroxide-hydrogen peroxide-halide system and major basic protein on human nasal epithelium in vitro. Ayars GH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):125–31
Neurogenic inflammation in the airways. I. Neurogenic stimulation induces plasma protein extravasation into the rat airway lumen. Kowalski ML, et al. **Am Rev Respir Dis** 1989 Jul;140(1):101–9
MX homologous protein in mononuclear cells from patients

with systemic lupus erythematosus. von Wussow P, et al. **Arthritis Rheum** 1989 Jul;32(7):914–8
Transitional feeding: the relationship between nutritional intake and plasma protein concentrations. Winkler MF, et al. **J Am Diet Assoc** 1989 Jul;89(7):969–70
Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. Barker RL, et al. **J Immunol** 1989 Aug 1;143(3):952–5
The structure of the rabbit macrophage defensin genes and their organ-specific expression. Ganz T, et al. **J Immunol** 1989 Aug 15;143(4):1358–65

BLOOD TRANSFUSION

Blood transfusions and recurrence in head and neck cancer [letter] Gates GA, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):573
A review of donor alanine aminotransferase testing. Implications for the blood donor and practitioner. Saxena S, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):767–71
Successful plasma infusion treatment of a patient with C2 deficiency and systemic lupus erythematosus: clinical experience over forty-five months. Steinsson K, et al. **Arthritis Rheum** 1989 Jul;32(7):906–13
Blood transfusion in colorectal cancer. Crowson MC, et al. **Br J Surg** 1989 May;76(5):522–3
Massive blood transfusion: is there a limit? Michelsen T, et al. **Crit Care Med** 1989 Jul;17(7):699–700
Relationship of transfusion and infection in a burn population. Graves TA, et al. **J Trauma** 1989 Jul;29(7):948–52; discussion 952–4
Preventing transfusion-acquired cytomegalovirus infection in infants [letter] **Lancet** 1989 Jul 15;2(8655):160–1
Effect of perioperative blood transfusion on recurrence of Crohn's disease. Williams JG, et al. **Lancet** 1989 Jul 15; 2(8655):131–3
Minimizing the use of homologous blood products during repair of abdominal aortic aneurysms. Hallett JW Jr. **Surg Clin North Am** 1989 Aug;69(4):817–26 (25 ref.)
Postpartum immunologic-mediated pulmonary edema associated with transfusion of blood containing an anti-B-lymphocyte antibody. Newman RS, et al. **West J Med** 1989 May;150(5):584–6

BLOOD TRANSFUSION, AUTOLOGOUS

Postoperative blood salvage using the Cell Saver after total joint arthroplasty. Semkiw LB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):823–7
Minimizing the use of homologous blood products during repair of abdominal aortic aneurysms. Hallett JW Jr. **Surg Clin North Am** 1989 Aug;69(4):817–26 (25 ref.)

BLOOD TRANSFUSION, INTRAUTERINE

Frequency and timing of intravascular intrauterine transfusions reconsidered [letter] Voto LS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):255–6

BLOOD VESSEL PROSTHESIS

Mesoatrial shunt: a surgical option in the management of the Budd-Chiari syndrome. Stringer MD, et al. **Br J Surg** 1989 May;76(5):474–8
Extended operations for T3-T4 primary lung cancers. Indications and results. Dartevelle P, et al. **Chest** 1989 Jul; 96(1 Suppl):51S–53S
Incorporation versus infection of retroperitoneal aortic grafts: MR imaging features. Auffermann W, et al. **Radiology** 1989 Aug;172(2):359–62
Selection of grafts currently available for repair of abdominal aortic aneurysms. Piotrowski JJ, et al. **Surg Clin North Am** 1989 Aug;69(4):827–36 (50 ref.)

BLOOD VESSELS

Intraoperative angioscopy: principles of irrigation and description of a new dedicated irrigation pump. Miller A, et al. **Am Heart J** 1989 Aug;118(2):391–9
Intra-arterial digital subtraction angiography in the evaluation of peripheral vascular trauma. Howard CA, et al. **Ann Surg** 1989 Jul;210(1):108–11

BLOOD VISCOSITY

IgG myeloma with hyperviscosity presenting as malignant arterial hypertension. Rubio-Garcia R, et al. **Am J Med** 1989 Jul;87(1):119

BLOOD VOLUME

Effects of volume loading during experimental acute pulmonary embolism. Belenkie I, et al. **Circulation** 1989 Jul;80(1):178–88
Volume-pressure analysis of reflex changes in forearm venous function. A method by mental arithmetic stress and radionuclide plethysmography. Robinson VJ, et al. **Circulation** 1989 Jul;80(1):99–105

BLOODLETTING

The treatment of tumors by the induction of anemia and irradiation in hyperbaric oxygen. Sealy R, et al. **Cancer** 1989 Aug 1;64(3):646–52
Hemophilia presenting as compartment syndrome in the arm following venipuncture. A case report and review of the literature. Nixon RG, et al. **Clin Orthop** 1989 Jul; (244):176–81 (27 ref.)

BLOTTING, WESTERN

False-positive HIV western blots [news] **Lancet** 1989 Jul 22; 2(8656):231

BODY COMPOSITION

The effect of bulimia upon diet, body fat, bone density, and blood components. Howat PM, et al. **J Am Diet Assoc** 1989 Jul;89(7):929–34

BODY CONSTITUTION

Smoking and leanness: evidence for change in Finland. Marti B, et al. **BMJ** 1989 May 13;298(6683):1287–90
Frame size estimation: a comparative analysis of methods based on height, wrist circumference, and elbow breadth. Novascone MA, et al. **J Am Diet Assoc** 1989 Jul;89(7):964–6
Size and disease [editorial] Hostetter TH. **J Lab Clin Med** 1989 Jul;114(1):4–5

BODY HEIGHT

Fall in association of height with intelligence and educational level. Teasdale TW, et al. **BMJ** 1989 May 13; 298(6683):1292–3
Frame size estimation: a comparative analysis of methods based on height, wrist circumference, and elbow breadth. Novascone MA, et al. **J Am Diet Assoc** 1989 Jul;89(7):964–6

BODY TEMPERATURE

Are 'hot' ears really hot? [letter] Weir MR, et al. **Am J Dis Child** 1989 Jul;143(7):763–4
Sleeping body temperatures in 3–4 month old infants. Wailoo MP, et al. **Arch Dis Child** 1989 Apr;64(4):596–9
Septic and nonseptic olecranon bursitis. Utility of the surface temperature probe in the early differentiation of septic and nonseptic cases. Smith DL, et al. **Arch Intern Med** 1989 Jul;149(7):1581–5
Relationship between core/peripheral temperature gradient and central hemodynamics in children after open heart surgery. Ryan CA, et al. **Crit Care Med** 1989 Jul; 17(7):638–40

BODY TEMPERATURE REGULATION

The thermal environment in which 3–4 month old infants sleep at home. Wailoo MP, et al. **Arch Dis Child** 1989 Apr; 64(4):600–4
Mortality in elderly patients with thermoregulatory failure. Kramer MR, et al. **Arch Intern Med** 1989 Jul;149(7):1521–3
Thermoregulatory sweating abnormalities in diabetes mellitus. Fealey RD, et al. **Mayo Clin Proc** 1989 Jun; 64(6):617–28

BODY WATER

Bromide space determination using anion-exchange chromatography for measurement of bromide. Miller ME, et al. **Am J Clin Nutr** 1989 Jul;50(1):168–71
Measurement of body water compartments after ligation of the common bile duct in the rabbit. Martínez-Ródenas F, et al. **Br J Surg** 1989 May;76(5):461–4
Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Fuse K, et al. **Dig Dis Sci** 1989 Jul;34(7):1109–16

BODY WEIGHT

From the Centers for Disease Control. Prevalence of overweight—Behavioral Risk Factor Surveillance System, 1987. **JAMA** 1989 Jul 28;262(4):471, 475
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1989 Jul 21; 262(3):331

BOMBESIN

Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S–31S (13 ref.)

BONE AND BONES

A critical analysis of immediate and delayed mandibular reconstruction using A-O plates. Komisar A, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):830–3
The effect of silicon nitride ceramic on rabbit skeletal cells and tissue. An in vitro and in vivo investigation. Howlett CR, et al. **Clin Orthop** 1989 Jul;(244):293–304
Parathyroid hormone-related protein modulates the effect of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):199–208
Beta 2-microglobulin is not a bone cell mitogen. Jennings JC, et al. **Endocrinology** 1989 Jul;125(1):404–9
The effect of bulimia upon diet, body fat, bone density, and blood components. Howat PM, et al. **J Am Diet Assoc** 1989 Jul;89(7):929–34
Demonstration of aluminium on bone using different staining techniques and spectrophotometry [letter] Freemont AJ, et al. **J Clin Pathol** 1989 Jun;42(6):671–2
A composite fixation principle for modular segmental defect replacement (SDR) prostheses. Chao EY. **Orthop Clin North Am** 1989 Jul;20(3):439–53
Massive allografts in surgery of bone tumors. Mnaymneh W, et al. **Orthop Clin North Am** 1989 Jul;20(3):455–67
The rate of vascularization of coralline hydroxyapatite. Grenga TE, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):245–9
Functional mandibular reconstruction: prevention of the oral invalid. Lukash FN, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):227–33; discussion 234–5
Porous hydroxyapatite as an onlay bone-graft substitute for maxillofacial surgery. Salyer KE, et al. **Plast Reconstr Surg** 1989 Aug;84(2):236–44

BONE CEMENTS

Characterization of tissue from the bone-polymethylmethacrylate interface in a rat experimental model. Demonstration of collagen-degrading activity and bone-resorbing potential. Coe MR, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):863–74

BONE CYSTS

Aneurysmal bone cysts: imaging findings and embolotherapy. Cory DA, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):369–73
Aneurysmal bone cyst of the mandible. Giddings NA, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):865–70 (54 ref.)
Sepsis due to an infected pseudocyst of hemophilia. A case report. Ferenz CC, et al. **Clin Orthop** 1989 Jul;(244):254–7
Unicameral bone cyst (simple bone cyst). Makley JT, et al. **Orthop Clin North Am** 1989 Jul;20(3):407–15

BONE DISEASES

Magnetic resonance imaging of the musculoskeletal system. **Clin Orthop** 1989 Jul;(244):1–130
A model of orthopaedic dysfunction for clinical decision making in physical therapy practice. Harris BA, et al. **Phys Ther** 1989 Jul;69(7):548–53 (12 ref.)

BONE DISEASES, DEVELOPMENTAL

Chondro-osseous growth abnormalities after meningococcemia. A clinical and histopathological study. Grogan DP, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):920–8
Physeal arrest in purpura fulminans. A report of three cases. Nogi J. **J Bone Joint Surg [Am]** 1989 Jul;71(6):929–31

BONE DISEASES, METABOLIC

Osteopenia as a risk factor for injuries to dancers [letter] Horváth C, et al. **BMJ** 1989 Apr 29;298(6681):1176–7
Bone disease in vitamin D-deficient patients with Crohn's disease. Vogelsang H, et al. **Dig Dis Sci** 1989 Jul; 34(7):1094–9

BONE MARROW

An antibody that inhibits in vitro bone marrow proliferation in a patient with systemic lupus erythematosus and aplastic anemia. Bailey FA, et al. **Arthritis Rheum** 1989 Jul; 32(7):901–5
Long-term endocrine toxicity of myeloablative treatment followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Keilholz U, et al. **Cancer** 1989 Aug 1;64(3):641–5
Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92–5
The effect of silicon nitride ceramic on rabbit skeletal cells and tissue. An in vitro and in vivo investigation. Howlett CR, et al. **Clin Orthop** 1989 Jul;(244):293–304
Reciprocal allogeneic bone marrow transplantation between NOD mice and diabetes-nonsusceptible mice associated with transfer and prevention of autoimmune diabetes. LaFace DM, et al. **Diabetes** 1989 Jul;38(7):894–901
Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Akatsu T, et al. **Endocrinology** 1989 Jul;125(1):20–7
Bone marrow transplantation [clinical conference] Romond EH, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):169–70, 173, 176–81 passim
Stimulation of human prostatic carcinoma cell growth by factors present in human bone marrow. Chackal-Roy M, et al. **J Clin Invest** 1989 Jul;84(1):43–50
A role for the thymic epithelium in the selection of pre-T cells from murine bone marrow. Bauvois B, et al. **J Immunol** 1989 Aug 15;143(4):1077–86
Murine natural suppressor cells in the newborn, in bone

marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. Maier T, et al. **J Immunol** 1989 Jul 15;143(2):491-8
Bone marrow transplantation after the Chernobyl nuclear accident [see comment] Baranov A, et al. **N Engl J Med** 1989 Jul 27;321(4):205-12. **Comment on: N Engl J Med** 1989 Jul 27;321(4):254-5
Bone marrow transplants: neither ethical nor imperative? [letter] Furman L. **Pediatrics** 1989 Jul;84(1):195
Prehospital intraosseous infusion by emergency medical services personnel: a prospective study. Seigler RS, et al. **Pediatrics** 1989 Jul;84(1):173-7
Marrow conversion before pneumatization of the sphenoid sinus: assessment with MR imaging. Aoki S, et al. **Radiology** 1989 Aug;172(2):373-5

BONE MARROW DISEASES

Nephrocalcinosis in Shwachman's syndrome. D'Angio CT, et al. **Arch Dis Child** 1989 Apr;64(4):614-5

BONE NEOPLASMS

Metastatic carcinoma of unknown primary: complete response to second-line treatment with plicamycin. Hescock H Jr, et al. **Am J Med Sci** 1989 Jul;298(1):34-7
Adamantinoma of long bones. A clinicopathologic study of 85 cases. Keeney GL, et al. **Cancer** 1989 Aug 1;64(3):730-7
Nodular form of bleomycin-related pulmonary injury in patients with osteogenic sarcoma. Santrach PJ, et al. **Cancer** 1989 Aug 15;64(4):806-11 (33 ref.)
Pathologic analysis of advanced adult soft tissue sarcomas, bone sarcomas, and mesotheliomas. The Eastern Cooperative Oncology Group (ECOG) experience. Shiraki M, et al. **Cancer** 1989 Jul 15;64(2):484-90
Magnetic resonance imaging of musculoskeletal neoplasms. Berquist TH. **Clin Orthop** 1989 Jul;(244):101-18 (49 ref.)
Magnetic resonance imaging of the musculoskeletal system in children. Hall TR, et al. **Clin Orthop** 1989 Jul; (244):119-30 (29 ref.)
Stimulation of human prostatic carcinoma cell growth by factors present in human bone marrow. Chackal-Roy M, et al. **J Clin Invest** 1989 Jul;84(1):43-50
Bone tumors: evaluation and treatment. **Orthop Clin North Am** 1989 Jul;20(3):273-518
Giant cell tumors. Carrasco CH, et al. **Orthop Clin North Am** 1989 Jul;20(3):395-405 (34 ref.)
Radiology of bone tumors. Ghelman B. **Orthop Clin North Am** 1989 Jul;20(3):287-312 (95 ref.)
Osteoid osteoma and osteoblastoma. Gitelis S, et al. **Orthop Clin North Am** 1989 Jul;20(3):313-25 (92 ref.)
Metastatic disease of bone and treatment of pathological fractures. Habermann ET, et al. **Orthop Clin North Am** 1989 Jul;20(3):469-86 (74 ref.)
Chordoma: a critical review of diagnosis and treatment. Healey JH, et al. **Orthop Clin North Am** 1989 Jul; 20(3):417-26 (62 ref.)
Staging techniques and biopsy of bone tumors. Heare TC, et al. **Orthop Clin North Am** 1989 Jul;20(3):273-85 (29 ref.)
Chemotherapy for malignant bone tumors. Jaffe N. **Orthop Clin North Am** 1989 Jul;20(3):487-503 (138 ref.)
Radiation therapy in the treatment of bone and soft tissue sarcomas. Kalnicki S. **Orthop Clin North Am** 1989 Jul; 20(3):505-12 (43 ref.)
Osteosarcoma. Clinical and pathological considerations. Klein MJ, et al. **Orthop Clin North Am** 1989 Jul; 20(3):327-45 (66 ref.)
Fibrous tumors of bone. Marks KE, et al. **Orthop Clin North Am** 1989 Jul;20(3):377-93 (74 ref.)
Massive allografts in surgery of bone tumors. Mnaymneh W, et al. **Orthop Clin North Am** 1989 Jul;20(3):455-67
Small round cell tumors. Pritchard DJ. **Orthop Clin North Am** 1989 Jul;20(3):367-75 (23 ref.)

BONE PLATES

A critical analysis of immediate and delayed mandibular reconstruction using A-O plates. Komisar A, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):830-3

BONE RESORPTION

Characterization of tissue from the bone-polymethylmethacrylate interface in a rat experimental model. Demonstration of collagen-degrading activity and bone-resorbing potential. Coe MR, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):863-74
Multicenter follow-up study of the transmandibular implant. Maxson B, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):785-9

BOOKS

American nursing's first textbooks. Flaumenhaft E, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):185-8

BORDETELLA PERTUSSIS

Adverse reactions and serologic response to a booster dose of acellular pertussis vaccine in children immunized with acellular or whole-cell vaccine as infants. Blennow M, et al. **Pediatrics** 1989 Jul;84(1):62-7

BORRELIA

Identification and characterization of an endoflagellar antigen of Borrelia burgdorferi. Coleman JL, et al. **J Clin Invest** 1989 Jul;84(1):322-30
Predominance of Borrelia burgdorferi specific B cells in cerebrospinal fluid in neuroborreliosis. Baig S, et al. **Lancet** 1989 Jul 8;2(8654):71-4

BORRELIA INFECTIONS

Predominance of Borrelia burgdorferi specific B cells in cerebrospinal fluid in neuroborreliosis. Baig S, et al. **Lancet** 1989 Jul 8;2(8654):71-4

BOTULINUM TOXINS

Management of facial spasm with Clostridium botulinum toxin [letter] Sanders DB, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):882
Botulinum toxin: a treatment for facial asymmetry caused by facial nerve paralysis. Clark RP, et al. **Plast Reconstr Surg** 1989 Aug;84(2):353-5

BOTULISM

Risk factors for infant botulism in the United States. Spika JS, et al. **Am J Dis Child** 1989 Jul;143(7):828-32

BOXING

Amateur boxing [letter] Voy RO. **JAMA** 1989 Jul 28; 262(4):499-500
Incidence of cavum septum pellucidum in adults: a sign of boxer's encephalopathy. Bogdanoff B, et al. **Neurology** 1989 Jul;39(7):991-2

BRACHYTHERAPY

Wound complications of adjuvant radiation therapy in patients with soft-tissue sarcomas. Ormsby MV, et al. **Ann Surg** 1989 Jul;210(1):93-9
Noncontiguous local recurrence of posterior uveal melanoma after cobalt 60 episcleral plaque therapy. Duker JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1019-22
Small, superficial esophageal carcinoma treated with high-dose-rate intracavitary irradiation only. Hishikawa Y, et al. **Radiology** 1989 Jul;172(1):267-70

BRADYCARDIA

Treatment by pacemaker in familial amyloid polyneuropathy. Anzai N, et al. **Chest** 1989 Jul;96(1):80-4
Role of endogenous adenosine in postdefibrillation bradyarrhythmia and hemodynamic depression. Wesley RC Jr, et al. **Circulation** 1989 Jul;80(1):128-37
Quinidine-induced long QTU interval and torsade de pointes: role of bradycardia-dependent early afterdepolarizations. el-Sherif N, et al. **J Am Coll Cardiol** 1989 Jul;14(1):252-7

BRADYKININ

Sensitivity of the human cough reflex: effect of inflammatory mediators prostaglandin E2, bradykinin, and histamine. Choudry NB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):137-41
Preincubation of human synovial cells with IL-1 modulates prostaglandin E2 release in response to bradykinin. Bathon JM, et al. **J Immunol** 1989 Jul 15;143(2):579-86

BRAIN

The effect of elevated blood glucose on the electroencephalogram and cerebral metabolism during short-term brain ischemia in fetal sheep. Chao CR, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):221-8
Use of imaging techniques for schizophrenic patients [letter] Conlon P, et al. **Am J Psychiatry** 1989 Jul;146(7):941
Nuclear magnetic resonance study of obsessive-compulsive disorder. Garber HJ, et al. **Am J Psychiatry** 1989 Aug; 146(8):1001-5
Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Lanier WL, et al. **Anesthesiology** 1989 Jul;71(1):87-95
Cranial ultrasound assessment of gestational age in low birthweight infants. Murphy NP, et al. **Arch Dis Child** 1989 Apr;64(4):569-72
CT abnormalities in schizophrenia. A preliminary study of their correlations with P300/P200 electrophysiological features and positive/negative symptoms. McCarley RW, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):698-708
Ventricle-brain ratio, computed tomographic density, and brain area in 50 schizophrenics. Pearlson GD, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):690-7
Dementia. A review emphasizing clinicopathologic correlation and brain-behavior relationships. Chui HC. **Arch Neurol** 1989 Jul;46(7):806-14 (199 ref.)
Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314-20
Stimulation of duodenal mucosal bicarbonate secretion in the rat by brain peptides. Flemström G, et al. **Gastroenterology** 1989 Aug;97(2):412-20
Cerebral responses evoked by electrical stimulation of the esophagus in normal subjects. Frieling T, et al. **Gastroenterology** 1989 Aug;97(2):475-8
Central nervous system action of thyrotropin-releasing hormone to increase gastric mucosal blood flow in the rat. Thiefin G, et al. **Gastroenterology** 1989 Aug;97(2):405-11
Neuron-binding antibodies in Alzheimer's disease and Down's syndrome. Franceschi M, et al. **J Gerontol** 1989 Jul;44(4):M128-30
The significance of thrombocytopenia in the development of postoperative intracranial hematoma. Chan KH, et al. **J Neurosurg** 1989 Jul;71(1):38-41
Cerebral blood flow and metabolism in severely head-injured children. Part 1: Relationship with GCS score, outcome, ICP, and PVI. Muizelaar JP, et al. **J Neurosurg** 1989 Jul; 71(1):63-71
Cerebral blood flow and metabolism in severely head-injured children. Part 2: Autoregulation. Muizelaar JP, et al. **J Neurosurg** 1989 Jul;71(1):72-6
Familial dementia with PrP-positive amyloid plaques: a variant of Gerstmann-Sträussler syndrome. Nochlin D, et al. **Neurology** 1989 Jul;39(7):910-8
Normal deposition of brain iron in childhood and adolescence: MR imaging at 1.5 T. Aoki S, et al. **Radiology** 1989 Aug;172(2):381-5
Variations in the in vivo P-31 MR spectra of the developing human brain during postnatal life. Work in progress. Boesch C, et al. **Radiology** 1989 Jul;172(1):197-9
Development and aging of brain midline structures: assessment with MR imaging. Hayakawa K, et al. **Radiology** 1989 Jul;172(1):171-7
Alzheimer disease: quantitative analysis of I-123-iodoamphetamine SPECT brain imaging. Hellman RS, et al. **Radiology** 1989 Jul;172(1):183-8
Focal signal-intensity variations in the posterior internal capsule: normal MR findings and distinction from pathologic findings. Mirowitz S, et al. **Radiology** 1989 Aug; 172(2):535-9
Recommendations for obstetric sonography in the evaluation of the fetal cranium [editorial; comment] Nyberg DA. **Radiology** 1989 Aug;172(2):309-11. **Comment on:. Comment on:** Radiology 1989 Aug;172(2):403-8 Radiology 1989 Aug;172(2):409-13

BRAIN ABSCESS

Central nervous system infections in the elderly. Behrman RE, et al. **Arch Intern Med** 1989 Jul;149(7):1596-9
Stereotactic drainage of brain abscesses [letter] Lunsford LD. **J Neurosurg** 1989 Jul;71(1):154
Pseudallescheria boydii brain abscess: association with near-drowning and efficacy of high-dose, prolonged miconazole therapy in patients with multiple abscesses. Dworzack DL, et al. **Medicine (Baltimore)** 1989 Jul; 68(4):218-24

BRAIN CHEMISTRY

Peace through mind/brain science. Wagner HN Jr. **JAMA** 1989 Aug 4;262(5):625-6

BRAIN DEATH

The apnea test for the determination of brain death. Benzel EC, et al. **J Neurosurg** 1989 Aug;71(2):191-4
Anencephalic newborns. Can organs be transplanted before brain death? Truog RD, et al. **N Engl J Med** 1989 Aug 10;321(6):388-91
Brain death in infants: evaluation with Doppler US. Glasier CM, et al. **Radiology** 1989 Aug;172(2):377-80

BRAIN DISEASES

Elevated serum levels of tumor necrosis factor are associated with progressive encephalopathy in children with acquired immunodeficiency syndrome. Mintz M, et al. **Am J Dis Child** 1989 Jul;143(7):771-4
Severe neuropathy associated with low-dose recombinant interferon-alpha. Gastineau DA, et al. **Am J Med** 1989 Jul;87(1):116
Sparganosis of the brain. Case report. Anegawa S, et al. **J Neurosurg** 1989 Aug;71(2):287-9
Hypothetical explanation of selective saccadic palsy caused by pontine lesion. Kaneko CR. **Neurology** 1989 Jul; 39(7):994-5
Hemispatial neglect [letter] LeFever FF. **Neurology** 1989 Jul; 39(7):1006

BRAIN DISEASES, METABOLIC

Periodic hyperammonemic encephalopathy associated with a ureterosigmoidostomy. Cascino GD, et al. **Mayo Clin Proc** 1989 Jun;64(6):653-6

BRAIN EDEMA

Acute cerebral oedema induced by methotrexate. Hughes PJ, et al. **BMJ** 1989 May 13;298(6683):1315
Protective effect of the iron chelator deferoxamine on cold-induced brain edema. Ikeda Y, et al. **J Neurosurg** 1989

Aug;71(2):233–8
The effect of intravenous interleukin-2 on brain water content. Saris SC, et al. **J Neurosurg** 1989 Aug;71(2):169–74

BRAIN INJURIES

Prognostic value of creatine kinase BB-isoenzyme in high risk newborn infants. Ruth VJ. **Arch Dis Child** 1989 Apr; 64(4):563–8
Psychosocial changes perceived by closed-head-injured adults and their families. Hendryx PM. **Arch Phys Med Rehabil** 1989 Jul;70(7):526–30
Gastroparesis following traumatic brain injury and response to metoclopramide therapy. Jackson MD, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):553–5
Head injury mortality in two centers with different emergency medical services and intensive care. Colohan AR, et al. **J Neurosurg** 1989 Aug;71(2):202–7
Axonal injury in the optic nerve: a model simulating diffuse axonal injury in the brain. Gennarelli TA, et al. **J Neurosurg** 1989 Aug;71(2):244–53
Incidence of cavum septum pellucidum in adults: a sign of boxer's encephalopathy. Bogdanoff B, et al. **Neurology** 1989 Jul;39(7):991–2
Traumatic basal ganglia hemorrhage: clinicopathologic features and outcome. Katz DI, et al. **Neurology** 1989 Jul; 39(7):897–904

BRAIN NEOPLASMS

Thyroid dysfunction after radiotherapy and chemotherapy of brain tumours. Livesey EA, et al. **Arch Dis Child** 1989 Apr;64(4):593–5
Extra-pulmonary lymphomatoid granulomatosis [letter] Carmichael AJ, et al. **Br J Rheumatol** 1989 Aug;28(4):358–9
Hypofractionated radiation therapy and concurrent cisplatin in malignant cerebral gliomas. Rapid palliation in low performance status patients. Hercbergs AA, et al. **Cancer** 1989 Aug 15;64(4):816–20
Intratumoral histologic heterogeneity of gliomas. A quantitative study. Paulus W, et al. **Cancer** 1989 Jul 15; 64(2):442–7
Imaging of brain tumors using peripheral benzodiazepine receptor ligands. Black KL, et al. **J Neurosurg** 1989 Jul; 71(1):113–8
Immunomagnetic separation of infiltrating T lymphocytes from brain tumors. Bosnes V, et al. **J Neurosurg** 1989 Aug; 71(2):218–23
Unenhanced and gadolinium-DTPA-enhanced MR imaging in postoperative evaluation in pediatric brain tumors. Dickman CA, et al. **J Neurosurg** 1989 Jul;71(1):49–53
Quantification of the c-myc oncoprotein in human glioblastoma cells and tumor tissue. Engelhard HH 3d, et al. **J Neurosurg** 1989 Aug;71(2):224–32
Primary intracranial leiomyosarcoma. Case report. Louis DN, et al. **J Neurosurg** 1989 Aug;71(2):279–82
The effect of intravenous interleukin-2 on brain water content. Saris SC, et al. **J Neurosurg** 1989 Aug;71(2):169–74
Radiation-induced intracranial malignant gliomas. Shapiro S, et al. **J Neurosurg** 1989 Jul;71(1):77–82 (31 ref.)
CSF placental alkaline phosphatase as marker in cranial dysgerminoma [letter] Ramakrishnan S, et al. **Lancet** 1989 Jul 22;2(8656):225
Neurofibromatosis types 1 and 2: cranial MR findings. Aoki S, et al. **Radiology** 1989 Aug;172(2):527–34
Noninvasive differentiation of tumors with use of localized H-1 MR spectroscopy in vivo: initial experience in patients with cerebral tumors [see comments] Bruhn H, et al. **Radiology** 1989 Aug;172(2):541–8. **Comment in:** Radiology 1989 Aug;172(2):318–20
Intra-aortic balloon counterpulsation in high-risk cardiac patients undergoing noncardiac surgery. Grotz RL, et al. **Surgery** 1989 Jul;106(1):1–5

BRAIN STEM

Analog and digital filtering of the brain stem auditory evoked response. Kavanagh KT, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):508–14
Seizure activity mimicking brainstem herniation [letter] Kissoon N. **Crit Care Med** 1989 Jul;17(7):712

BRANCHIOMA

Nasopharyngeal cysts. Report of seven cases with review of the literature. Nicolai P, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):860–4 (41 ref.)

BREAST

Radiopaque markers on mammary implants [letter] Sullivan DC, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):428–9
Fine-needle aspiration of mammary lobular carcinoma in situ and atypical lobular hyperplasia. Salhany KE, et al. **Am J Clin Pathol** 1989 Jul;92(1):22–6
Oncological aspects of immediate breast reconstruction following mastectomy for malignancy. Johnson CH, et al. **Arch Surg** 1989 Jul;124(7):819–23; discussion 823–4
Salvage surgery for advanced local recurrence of breast cancer. Flook D, et al. **Br J Surg** 1989 May;76(5):512–4
Conservative management in full-thickness nipple-areolar necrosis after subcutaneous mastectomy. Woods JE, et al. **Plast Reconstr Surg** 1989 Aug;84(2):258–64; discussion 265–6
Parasternal sonography of the internal mammary vessels: technique, normal anatomy, and lymphadenopathy. Scatarige JC, et al. **Radiology** 1989 Aug;172(2):453–7

BREAST DISEASES

A new surgical localization technique for biopsy in patients with nipple discharge. Choudhury A, et al. **Arch Surg** 1989 Jul;124(7):874–5
Histologic and mammographic specificity of risk factors for benign breast disease. Bright RA, et al. **Cancer** 1989 Aug 1;64(3):653–7
Indications for breast imaging in women under age 35 years. Harris VJ, et al. **Radiology** 1989 Aug;172(2):445–8

BREAST FEEDING

Breast-feeding pattern among Indochinese immigrants in northern California. Romero-Gwynn E. **Am J Dis Child** 1989 Jul;143(7):804–8
Breast feeding among Hispanic women [letter] Ibarguen E. **Clin Pediatr (Phila)** 1989 Jul;28(7):335–6
Relationship of milk intake and vitamin K supplementation to vitamin K status in newborns. Motohara K, et al. **Pediatrics** 1989 Jul;84(1):90–3

BREAST NEOPLASMS

Toluidine blue dye as a breast localization marker. Czarnecki DJ, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):261–3
Infiltrating lobular carcinoma: mammographic patterns with pathologic correlation. Mendelson EB, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):265–71
Preoperative localization of inferior breast lesions. Pisano ED, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):272
Fine-needle aspiration of mammary lobular carcinoma in situ and atypical lobular hyperplasia. Salhany KE, et al. **Am J Clin Pathol** 1989 Jul;92(1):22–6
Fine-needle aspiration cytology of metastatic neoplasms in the breast. Sneige N, et al. **Am J Clin Pathol** 1989 Jul; 92(1):27–35
Electrocautery and hormone receptor status in breast biopsy. Glen PM, et al. **Am J Surg** 1989 Jul;158(1):6–7
Acne in an irradiated area [letter] Adriaans B, et al. **Arch Dermatol** 1989 Jul;125(7):1005
Detection of metastatic breast carcinoma with monoclonal antibodies to cytokeratins. Sedmak DD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):786–9
Oncological aspects of immediate breast reconstruction following mastectomy for malignancy. Johnson CH, et al. **Arch Surg** 1989 Jul;124(7):819–23; discussion 823–4
Fine-needle aspiration for breast mass diagnosis. Wolberg WH, et al. **Arch Surg** 1989 Jul;124(7):814–8
The contraceptive pill and breast cancer in young women. Drife JO. **BMJ** 1989 May 13;298(6683):1269–70 (19 ref.)
Scleroderma and breast carcinoma [letter] Papasavvas G, et al. **Br J Rheumatol** 1989 Aug;28(4):366–7
Salvage surgery for advanced local recurrence of breast cancer. Flook D, et al. **Br J Surg** 1989 May;76(5):512–4
DNA synthesis in estrogen receptor-positive human breast cancer takes place preferentially in estrogen receptor-negative cells. Ballare C, et al. **Cancer** 1989 Aug 15;64(4):842–8
Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Bartsch C, et al. **Cancer** 1989 Jul 15;64(2):426–33
DNA aneuploidy and cell proliferation in breast tumors. Christov K, et al. **Cancer** 1989 Aug 1;64(3):673–9
Ovarian metastases of breast carcinoma. A clinicopathologic study of 59 cases. Gagnon Y, et al. **Cancer** 1989 Aug 15; 64(4):892–8
Secondary acute myelocytic leukemia after adjuvant therapy for early-stage breast carcinoma. A new complication of cyclophosphamide, methotrexate, and 5-fluorouracil therapy. Geller RB, et al. **Cancer** 1989 Aug 1;64(3):629–34
Psychosocial adjustment after mastectomy and breast-conserving treatment. Holmberg L, et al. **Cancer** 1989 Aug 15;64(4):969–74
5-Fluorouracil rechallenge by protracted infusion in refractory breast cancer. Jabboury K, et al. **Cancer** 1989 Aug 15;64(4):793–7
Dietary habits and breast cancer incidence among Seventh-day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):582–90
Prospective study of exogenous hormone use and breast cancer in Seventh-day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):591–7
The use of oncofetal ferritin-bearing lymphocytes as a marker for the screening, diagnosis, and follow-up of patients with early breast malignancy screening of 3400 women. Moroz C, et al. **Cancer** 1989 Aug 1;64(3):691–7
Influence of infiltrating lobular histology on local tumor control in breast cancer patients treated with conservative surgery and radiotherapy. Schnitt SJ, et al. **Cancer** 1989 Jul 15;64(2):448–54
A case-control study of breast cancer and alcohol consumption habits. Young TB. **Cancer** 1989 Jul 15; 64(2):552–8
Estrogen regulation of human breast cancer cell line MCF-7 tissue plasminogen activator. Dickerman HW, et al. **Endocrinology** 1989 Jul;125(1):492–500
Effects of progestins, estrogens, and antihormones on growth and lactate dehydrogenase in the human breast cancer cell line T47D. Hissom JR, et al. **Endocrinology** 1989 Jul; 125(1):418–23
Down-regulation of estrogen receptors by androgens in the ZR-75-1 human breast cancer cell line. Poulin R, et al. **Endocrinology** 1989 Jul;125(1):392–9
Oral contraceptives and breast cancer [letter] **JAMA** 1989 Jul 14;262(2):206–7
Making mammography a habit [letter] Snowdon DA, et al. **JAMA** 1989 Jul 14;262(2):207
Who needs steroid receptor assays? [letter] **Lancet** 1989 Jul 1;2(8653):40–1
Lewis negative genotype and breast cancer risk [letter] Petrakis NL, et al. **Lancet** 1989 Jul 1;2(8653):41
Oral contraceptives and breast cancer [letter] Pike MC, et al. **Lancet** 1989 Jul 15;2(8655):158
Oral contraceptives and breast cancer [letter] Powles TJ. **Lancet** 1989 Jul 8;2(8654):97–8
Lewis negative genotype and breast cancer risk [letter] Rowe GP, et al. **Lancet** 1989 Jul 22;2(8656):227–8
Conservation therapy of breast cancer [letter] Stewart HJ, et al. **Lancet** 1989 Jul 15;2(8655):168–9
Oral contraceptives, tobacco smoking, and breast cancer risk [letter] Trichopoulos D, et al. **Lancet** 1989 Jul 15; 2(8655):158
In-situ breast cancer: the EORTC consensus meeting. van Dongen JA, et al. **Lancet** 1989 Jul 1;2(8653):25–7 (8 ref.)
Postmenopausal estrogen replacement and breast cancer [editorial; comment] Barrett-Connor E. **N Engl J Med** 1989 Aug 3;321(5):319–20. **Comment on:** N Engl J Med 1989 Aug 3;321(5):293–7
The risk of breast cancer after estrogen and estrogen-progestin replacement [see comment] Bergkvist L, et al. **N Engl J Med** 1989 Aug 3;321(5):293–7. **Comment on:** N Engl J Med 1989 Aug 3;321(5):319–20
Suture calcification mimicking recurrence in the irradiated breast: a potential pitfall in mammographic evaluation. Davis SP, et al. **Radiology** 1989 Jul;172(1):247–8
Breast microcalcifications after lumpectomy and radiation therapy [letter] Hall FM. **Radiology** 1989 Aug;172(2):577–8
Circumscribed intraductal carcinoma of the breast [letter] Hall FM. **Radiology** 1989 Aug;172(2):579–80
Prognostic factors for recurrence and cosmesis in 393 patients after radiation therapy for early mammary carcinoma. Ryoo MC, et al. **Radiology** 1989 Aug;172(2):555–9
Clinically occult ductal carcinoma in situ detected with mammography: analysis of 100 cases with radiologic-pathologic correlation. Stomper PC, et al. **Radiology** 1989 Jul;172(1):235–41
Needle localization of nonpalpable breast lesions with current dedicated mammographic systems [letter] Yagan R, et al. **Radiology** 1989 Aug;172(2):580–1
Mammography screening in women under age 50 (a clinician's viewpoint) [letter] Elliott RL. **South Med J** 1989 Jul;82(7):931–2
Staging of carcinoma of the breast using a hand-held gamma detecting probe and monoclonal antibody B72.3. Nieroda CA, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):35–40
Monoclonal antibodies in the diagnosis and treatment of carcinoma of the breast. Sterns EE, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):81–98 (229 ref.)

BREATH TESTS

Modification of an Eschmann Introducer to permit measurement of end-tidal carbon dioxide. Artru AA, et al. **Anesth Analg** 1989 Jul;69(1):995–7

BREATHING EXERCISES

Targeted inspiratory muscle training improves respiratory muscle function and reduces dyspnea in patients with chronic obstructive pulmonary disease. Harver A, et al. **Ann Intern Med** 1989 Jul 15;111(2):117–24

BREECH PRESENTATION

Management of the nonvertex second twin: primary cesarean section, external version, or primary breech extraction. Gocke SE, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):111–4
Breech presentation after cesarean section: always a section? Ophir E, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):25–8

BROMIDES

Bromide space determination using anion-exchange chromatography for measurement of bromide. Miller ME, et al. **Am J Clin Nutr** 1989 Jul;50(1):168–71
Injurious effect of the eosinophil peroxide-hydrogen peroxide-halide system and major basic protein on human nasal epithelium in vitro. Ayars GH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):125–31

BROMOCRIPTINE

Retroperitoneal fibrosis in a patient with macroprolactinoma treated with bromocriptine. Herzog A, et al. **BMJ** 1989 May 13;298(6683):1315

BRONCHI

Smoking habit and bronchial reactivity in normal subjects. A population-based study. Cerveri I, et al. **Am Rev Respir Dis** 1989 Jul;140(1):191–6

Neurogenic inflammation in the airways. I. Neurogenic stimulation induces plasma protein extravasation into the rat airway lumen. Kowalski ML, et al. **Am Rev Respir Dis** 1989 Jul;140(1):101–9

Etiopathogenic mechanisms of bronchoconstriction in byssinois—a review. Mundie TG, et al. **Am Rev Respir Dis** 1986 Jun;133(6):1181–5

Longitudinal variability in airway responsiveness in a population-based sample of children and young adults. Intrinsic and extrinsic contributing factors. Redline S, et al. **Am Rev Respir Dis** 1989 Jul;140(1):172–8

The relationship between longitudinal change in pulmonary function and nonspecific airway responsiveness in children and young adults. Redline S, et al. **Am Rev Respir Dis** 1989 Jul;140(1):179–84

Induction of antigen-specific IgA-forming cells in the upper respiratory mucosa. Watanabe N, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):523–9

Bronchoplastic and bronchovascular procedures of the tracheobronchial tree in the management of primary lung cancer. Naruke T. **Chest** 1989 Jul;96(1 Suppl):53S–56S

Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92–5

Determinants of tracheobronchial histologic alterations during conventional mechanical ventilation. Wiswell TE, et al. **Pediatrics** 1989 Aug;84(2):304–11

Relative effects of bronchial drainage and exercise for in-hospital care of patients with cystic fibrosis. Cerny FJ. **Phys Ther** 1989 Aug;69(8):633–9

BRONCHIAL DISEASES

Bronchol ithiasis due to Histoplasma capsulatum subsequently infected by actinomycetes. Hirschfield LS, et al. **Chest** 1989 Jul;96(1):218–9

Endobronchial Mycobacterium avium-intracellulare infection in a patient with AIDS. Mehle ME, et al. **Chest** 1989 Jul;96(1):199–201

Bronchocentric granulomatosis. Disease or diagnosis? [editorial] Myers JL. **Chest** 1989 Jul;96(1):3–4

BRONCHIAL PROVOCATION TESTS

Comparison of real and placebo acupuncture in histamine-induced asthma. A double-blind crossover study. Tandon MK, et al. **Chest** 1989 Jul;96(1):102–5

Bronchoprovocational challenges in the assessment of the efficacy of therapeutic agents. Scott GC. **South Med J** 1989 Jul;82(7):868–72 (25 ref.)

BRONCHIAL SPASM

Lung rejection and bronchial hyperresponsiveness to methacholine and ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. **Am Rev Respir Dis** 1989 Jul;140(1):52–7

The role of allergy and nonspecific airway hyperresponsiveness in the pathogenesis of chronic obstructive pulmonary disease. O'Connor GT, et al. **Am Rev Respir Dis** 1989 Jul;140(1):225–52 (227 ref.)

BRONCHIECTASIS

Orientation of respiratory tract cilia in patients with primary ciliary dyskinesia, bronchiectasis, and in normal subjects. De Iongh R, et al. **J Clin Pathol** 1989 Jun;42(6):613–9

BRONCHIOLITIS

Influence of the "squeeze jacket" on lung function in young infants [letter] Godfrey S, et al. **Am Rev Respir Dis** 1989 Jul;140(1):265–6

BRONCHIOLITIS OBLITERANS

Bronchiolitis obliterans in heart-lung transplantation patients: radiologic findings in 11 patients. Skeens JL, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):253–6

HIV-associated bronchiolitis obliterans organizing pneumonia. Allen JN, et al. **Chest** 1989 Jul;96(1):197–8

CT findings in Swyer-James syndrome. Marti-Bonmati L, et al. **Radiology** 1989 Aug;172(2):477–80

BRONCHITIS

Differences in acoustic and dynamic characteristics of spontaneous cough in pulmonary diseases. Piirilä P, et al. **Chest** 1989 Jul;96(1):46–53

BRONCHOALVEOLAR LAVAGE FLUID

Clinical utility of bronchoalveolar lavage in a general hospital. Krieger B, et al. **Arch Intern Med** 1989 Jul; 149(7):1605–7

Gallium lung scanning and bronchoalveolar lavage in crocidolite-exposed workers. Hayes AA, et al. **Chest** 1989 Jul;96(1):22–6

Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Linnemann CC Jr, et al. **Chest** 1989 Jul;96(1):64–7

The release of neutrophil chemoattractant activity by bronchoalveolar macrophages from adult and senescent mice. Esposito AL, et al. **J Gerontol** 1989 Jul;44(4):B93–9

BRONCHOPULMONARY DYSPLASIA

Late sudden unexpected deaths in hospitalized infants with bronchopulmonary dysplasia. Abman SH, et al. **Am J Dis Child** 1989 Jul;143(7):815–9

Effects of intravenous glucose loading on oxygen consumption, carbon dioxide production, and resting energy expenditure in infants with bronchopulmonary dysplasia. Yunis KA, et al. **J Pediatr** 1989 Jul;115(1):127–32

Movement disorder of premature infants with severe bronchopulmonary dysplasia: a new syndrome. Perlman JM, et al. **Pediatrics** 1989 Aug;84(2):215–8

BRONCHOSCOPY

Transbronchial fine-needle aspiration. Reliability and limitations. Wagner ED, et al. **Am J Clin Pathol** 1989 Jul; 92(1):36–41

Bronchial television endoscopy. Ikeda S. **Chest** 1989 Jul;96(1 Suppl):41S–42S

BRUGIA

Immunity to larval Brugia malayi in BALB/c mice: protective immunity and inhibition of larval development. Abraham D, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):598–604

Zoonotic Brugia infections in North and South America. Orihel TC, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):638–47 (25 ref.)

BULIMIA

Neurochemical abnormalities of anorexia nervosa and bulimia nervosa. Fava M, et al. **Am J Psychiatry** 1989 Aug; 146(8):963–71 (98 ref.)

MAOI-induced hypersomnia in patients with bulimia [letter] Gray GE. **Am J Psychiatry** 1989 Aug;146(8):1078

The effect of bulimia upon diet, body fat, bone density, and blood components. Howat PM, et al. **J Am Diet Assoc** 1989 Jul;89(7):929–34

BUNYAVIRIDAE

Experimental studies on the maintenance of Toscana and Arbia viruses (Bunyaviridae: Phlebovirus). Ciufolini MG, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):669–75

BUPIVACAINE

Spinal anaesthesia in infants born prematurely. Gallagher TM, et al. **Anaesthesia** 1989 May;44(5):434–6

Stellate ganglion block with bupivacaine. Minimum effective concentration of bupivacaine and the effect of added potassium. Hardy PA. **Anaesthesia** 1989 May;44(5):398–9

Epidural diamorphine and bupivacaine in labour. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):400–3

Penile block via the subpubic space in 100 children. Dalens B, et al. **Anesth Analg** 1989 Jul;69(1):907–11

Incidence of visceral pain during cesarean section: the effect of varying doses of spinal bupivacaine. Pedersen H, et al. **Anesth Analg** 1989 Jul;69(1):912–5

Temperature and chemical stability [letter] **Anesthesiology** 1989 Jul;71(1):165–6

BUPRENORPHINE

Effect of buprenorphine on the cardiovascular response to tracheal intubation. Khan FA, et al. **Anaesthesia** 1989 May; 44(5):394–7

BURKITT'S LYMPHOMA

Absence of Ig V region gene somatic hypermutation in advanced Burkitt's lymphoma. Carroll WL, et al. **J Immunol** 1989 Jul 15;143(2):692–8

BURNS

Changes in lymphocyte number and phenotype in seven lymphoid compartments after thermal injury. Organ BC, et al. **Ann Surg** 1989 Jul;210(1):78–89

Administration of structured lipid composed of MCT and fish oil reduces net protein catabolism in enterally fed burned rats. Teo TC, et al. **Ann Surg** 1989 Jul;210(1):100–7

Oxidative activity of polymorphonuclear leukocytes after thermal injury. Dobke MK, et al. **Arch Surg** 1989 Jul; 124(7):856–9

ABC of child abuse. Burns and scalds. Hobbs CJ. **BMJ** 1989 May 13;298(6683):1302–5 (0 ref.)

Altered polymorphonuclear neutrophilic granulocyte functions in patients with large burns. Bjerknes R, et al. **J Trauma** 1989 Jun;29(6):847–55

Risk factors associated with intravascular catheter infections in burned patients: a prospective, randomized study. Franceschi D, et al. **J Trauma** 1989 Jun;29(6):811–6

Relationship of transfusion and infection in a burn population. Graves TA, et al. **J Trauma** 1989 Jul;29(7):948–52; discussion 952–4

Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. Madden MR, et al. **J Trauma** 1989 Jul; 29(7):924–30; discussion 930–1

Complement-mediated hemodynamic depression in the early postburn period. Schirmer WJ, et al. **J Trauma** 1989 Jul; 29(7):932–8; discussion 938–9

The lung inflammatory response to thermal injury: relationship between physiologic and histologic changes. Demling RH, et al. **Surgery** 1989 Jul;106(1):52–9

Temporal analysis of murine lymphocyte subpopulations by monoclonal antibodies and dual-color flow cytometry after burn and nonburn injury. Hansbrough JF, et al. **Surgery** 1989 Jul;106(1):69–80

BURSITIS

Septic and nonseptic olecranon bursitis. Utility of the surface temperature probe in the early differentiation of septic and nonseptic cases. Smith DL, et al. **Arch Intern Med** 1989 Jul;149(7):1581–5

BUSPIRONE

Adjunctive buspirone in benzodiazepine treatment of four patients with panic disorder. Gastfriend DR, et al. **Am J Psychiatry** 1989 Jul;146(7):914–6

Panic and hypertension associated with single dose of buspirone [letter] Chignon JM, et al. **Lancet** 1989 Jul 1; 2(8653):46–7

BYSSINOSIS

Etiopathogenic mechanisms of bronchoconstriction in byssinois—a review. Mundie TG, et al. **Am Rev Respir Dis** 1986 Jun;133(6):1181–5

CALCINOSIS

Early restenosis following successful percutaneous balloon valvuloplasty for calcific valvular aortic stenosis. Del Core MG, et al. **Am Heart J** 1989 Jul;118(1):181–2

Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Akesson A, et al. **Br J Rheumatol** 1989 Aug;28(4):281–6

Prepatellar calcifications from repeated kneeling [letter] Stevens MP, et al. **N Engl J Med** 1989 Jul 20;321(3):194–5

Suture calcification mimicking recurrence in the irradiated breast: a potential pitfall in mammographic evaluation. Davis SP, et al. **Radiology** 1989 Jul;172(1):247–8

Breast microcalcifications after lumpectomy and radiation therapy [letter] Hall FM. **Radiology** 1989 Aug;172(2):577–8

CALCITONIN

Calcitonin, katacalcin, and calcitonin gene-related peptide in the human prostate. An immunocytochemical and immunoelectron microscopic study. di Sant'Agnese PA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):790–6

PTHrP secretion is stimulated by CT and inhibited by CgA peptides. Deftos LJ, et al. **Endocrinology** 1989 Jul; 125(1):563–5

Calcium regulates parathyroid hormone messenger ribonucleic acid (mRNA), but not calcitonin mRNA in vivo in the rat. Dominant role of 1,25-dihydroxyvitamin D. Naveh-Many T, et al. **Endocrinology** 1989 Jul; 125(1):275–80

Presence of calcitonin-like peptide in rat milk: possible physiological role in regulation of neonatal prolactin secretion. Shah GV, et al. **Endocrinology** 1989 Jul; 125(1):61–7

Insertion of the v-Ha-ras oncogene induces differentiation of calcitonin-producing human small cell lung cancer. Mabry M, et al. **J Clin Invest** 1989 Jul;84(1):194–9

CALCITRIOL

1,25-Dihydroxyvitamin D3 inhibits transcription of type I collagen genes in the rat osteosarcoma cell line ROS 17/2.8. Harrison JR, et al. **Endocrinology** 1989 Jul;125(1):327–33

Calcium regulates parathyroid hormone messenger ribonucleic acid (mRNA), but not calcitonin mRNA in vivo in the rat. Dominant role of 1,25-dihydroxyvitamin D. Naveh-Many T, et al. **Endocrinology** 1989 Jul; 125(1):275–80

Intravenous calcitriol in the treatment of refractory osteitis fibrosa of chronic renal failure [see comments] Andress DL, et al. **N Engl J Med** 1989 Aug 3;321(5):274–9. **Comment in:** N Engl J Med 1989 Aug 3;321(5):317–9

Renal osteodystrophy [editorial; comment] Malluche HH, et al. **N Engl J Med** 1989 Aug 3;321(5):317–9. **Comment on:** N Engl J Med 1989 Aug 3;321(5): 274–9

CALCIUM

Calcium destabilizes and causes conformational changes in hyaluronic acid. Gabriel DA, et al. **Am J Med Sci** 1989 Jul;298(1):8–14

Calcium, calmodulin, and anesthesiology. Landers DF, et al. **Anesth Analg** 1989 Jul;69(1):966–78 (98 ref.)
Comparison of the effects of halothane on skinned myocardial fibers from newborn and adult rabbit: II. Effects on sarcoplasmic reticulum. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):103–9
Effect of rise in cAMP levels on Ca2+ influx through voltage-dependent Ca2+ channels in HIT cells. Second-messenger synarchy in beta-cells. Rajan AS, et al. **Diabetes** 1989 Jul;38(7):874–80
Calcium regulates parathyroid hormone messenger ribonucleic acid (mRNA), but not calcitonin mRNA in vivo in the rat. Dominant role of 1,25-dihydroxyvitamin D. Naveh-Many T, et al. **Endocrinology** 1989 Jul; 125(1):275–80
The antigonadotropic action of prostaglandin F2 alpha is not mediated by elevated cytosolic calcium levels in rat luteal cells. Pepperell JR, et al. **Endocrinology** 1989 Jul; 125(1):144–51
Hydrolysis of inositol phospholipids induced by stimulation of the T cell antigen receptor complex in antigen-specific, murine helper T cell clones. Requirement for exogenous calcium. Bonvini E, et al. **J Immunol** 1989 Jul 15; 143(2):587–95
Relationship between target cell recognition and temporal fluctuations in intracellular Ca2+ of human NK cells. Edwards BS, et al. **J Immunol** 1989 Aug 1;143(3):1058–65
Denervation supersensitivity of the rabbit urinary bladder to calcium ion. Saito M, et al. **J Urol** 1989 Aug;142(2):418–21
Inositol 1,4,5-trisphosphate phosphatase deficiency and malignant hyperpyrexia in swine. Foster PS, et al. **Lancet** 1989 Jul 15;2(8655):124–7
Hypercalciuric hypophosphatemic rickets, mineral balance, bone histomorphometry, and therapeutic implications of hypercalciuria. Chen C, et al. **Pediatrics** 1989 Aug; 84(2):276–80
Effect of sepsis on calcium uptake and content in skeletal muscle and regulation in vitro by calcium of total and myofibrillar protein breakdown in control and septic muscle: results from a preliminary study. Benson DW, et al. **Surgery** 1989 Jul;106(1):87–93

CALCIUM-BINDING PROTEIN, VITAMIN D-DEPENDENT

Epidermal growth factor increases intestinal calbindin-D9k and 1,25-dihydroxyvitamin D receptors in neonatal rats. Bruns DE, et al. **Endocrinology** 1989 Jul;125(1):478–85

CALCIUM-BINDING PROTEINS

Secretory pancreatic stone protein messenger RNA. Nucleotide sequence and expression in chronic calcifying pancreatitis. Giorgi D, et al. **J Clin Invest** 1989 Jul; 84(1):100–6

CALCIUM CHANNEL BLOCKERS

Calcium channel blockers in myocardial infarction. Skolnick AE, et al. **Arch Intern Med** 1989 Jul;149(7):1669–77 (90 ref.)
Calcium blocker lacidipine and carotid arteriolar vasodilation in healthy volunteers. Safar M, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):94–8
Calcium antagonists for initial therapy of hypertension. Frohlich ED. **Heart Lung** 1989 Jul;18(4):370–6 (18 ref.)
Calcium entry blockers in the treatment of hypertension. Current status and future prospects. Kaplan NM. **JAMA** 1989 Aug 11;262(6):817–23 (88 ref.)

CALCIUM CHANNELS

Effect of rise in cAMP levels on Ca2+ influx through voltage-dependent Ca2+ channels in HIT cells. Second-messenger synarchy in beta-cells. Rajan AS, et al. **Diabetes** 1989 Jul;38(7):874–80
Neutrophil cathepsin G increases calcium flux and inositol polyphosphate production in cultured endothelial cells. Peterson MW, et al. **J Immunol** 1989 Jul 15;143(2):609–16
Denervation supersensitivity of the rabbit urinary bladder to calcium ion. Saito M, et al. **J Urol** 1989 Aug;142(2):418–21

CALCULI

Broncholithiasis due to Histoplasma capsulatum subsequently infected by actinomycetes. Hirschfield LS, et al. **Chest** 1989 Jul;96(1):218–9

CALMODULIN

Calcium, calmodulin, and anesthesiology. Landers DF, et al. **Anesth Analg** 1989 Jul;69(1):966–78 (98 ref.)

CALORIC INTAKE

Protein-calorie malnutrition in squirrel monkeys: adaptive response to calorie deficiency. Ausman LM, et al. **Am J Clin Nutr** 1989 Jul;50(1):19–29
Between- and within-subject variation in nutrient intake from infancy to old age: estimating the number of days required to rank dietary intakes with desired precision. Nelson M, et al. **Am J Clin Nutr** 1989 Jul;50(1):155–67
Weight loss in 108 obese women on a diet supplying 800 kcal/d for 21 d. Webster JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):41–5
Adjustment of caloric intake based on self-monitoring in noninsulin-dependent diabetes mellitus: development and feasibility. Malik RL, et al. **J Am Diet Assoc** 1989 Jul; 89(7):960–1
Dietary intakes of female college athletes: the need for nutrition education. Tilgner SA, et al. **J Am Diet Assoc** 1989 Jul;89(7):967–9
Transitional feeding: the relationship between nutritional intake and plasma protein concentrations. Winkler MF, et al. **J Am Diet Assoc** 1989 Jul;89(7):969–70

CAMPYLOBACTER

Relationship of Campylobacter pylori and duodenogastric reflux. Niemelä S, et al. **Dig Dis Sci** 1989 Jul;34(7):1021–4
Campylobacter pylori and acid secretion [letter] **Lancet** 1989 Jul 22;2(8656):212–3
Effect of a Campylobacter pylori protein on acid secretion by parietal cells. Cave DR, et al. **Lancet** 1989 Jul 22; 2(8656):187–9

CAMPYLOBACTER INFECTIONS

Touch cytology, a useful diagnostic method for diagnosis of upper gastrointestinal tract infections. Debongnie JC, et al. **Dig Dis Sci** 1989 Jul;34(7):1025–7
How specific is the rapid urease test for diagnosing Campylobacter pylori? [letter] Bhasin D, et al. **J Clin Pathol** 1989 Jun;42(6):671

CANDIDA ALBICANS

Enhancement of human monocyte function against Candida albicans by the colony-stimulating factors (CSF): IL-3, granulocyte-macrophage-CSF, and macrophage-CSF. Wang M, et al. **J Immunol** 1989 Jul 15;143(2):671–7

CANDIDIASIS

CT of hyoid osteomyelitis [letter] Schweitzer ME, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):432–3
Touch cytology, a useful diagnostic method for diagnosis of upper gastrointestinal tract infections. Debongnie JC, et al. **Dig Dis Sci** 1989 Jul;34(7):1025–7
The Vitacuff and intravascular catheter-related infection [letter] Bentivegna PE. **JAMA** 1989 Aug 4;262(5):613–4

CANDY

Chocolate: pleasure or pain? [letter] Rakatansky H. **Am J Psychiatry** 1989 Aug;146(8):1089
Near fatal aspiration of a candy pacifier. Ramsey KP, et al. **Pediatrics** 1989 Jul;84(1):126–7

CANNABIS

Particle size distribution of mainstream tobacco and marijuana smoke. Analysis using the electrical aerosol analyzer. Anderson PJ, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):202–5

CAPILLARY PERMEABILITY

Neurogenic inflammation in the airways. I. Neurogenic stimulation induces plasma protein extravasation into the rat airway lumen. Kowalski ML, et al. **Am Rev Respir Dis** 1989 Jul;140(1):101–9

CAPTOPRIL

Captopril and aplastic anemia [letter] Kim CR, et al. **Ann Intern Med** 1989 Jul 15;111(2):187–8

CARBAMAZEPINE

Oxcarbazepine. **Lancet** 1989 Jul 22;2(8656):196–8 (25 ref.)

CARBON MONOXIDE POISONING

Two episodes of acute illness in a machine shop. Sinks T, et al. **Am J Public Health** 1989 Aug;79(8):1024–8
Carbon monoxide poisoning in a motel [letter] Harlan CW. **JAMA** 1989 Aug 11;262(6):771–2

CARCINOGENS

Molecular mechanisms in chemically induced cancer. O'Connor PJ. **Chest** 1989 Jul;96(1 Suppl):24S–25S (13 ref.)

CARCINOMA

Infiltrating lobular carcinoma: mammographic patterns with pathologic correlation. Mendelson EB, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):265–71
Metastatic carcinoma of unknown primary: complete response to second-line treatment with plicamycin. Hescock H Jr, et al. **Am J Med Sci** 1989 Jul;298(1):34–7
Acne in an irradiated area [letter] Adriaans B, et al. **Arch Dermatol** 1989 Jul;125(7):1005
Hemoptysis as the presenting manifestation of thyroid carcinoma. A case report. Weiland JE, et al. **Arch Intern Med** 1989 Jul;149(7):1693–4
Medullary carcinoma in children. Results of early detection and surgery. Telander RL, et al. **Arch Surg** 1989 Jul; 124(7):841–3
Preoperative ketoconazole therapy for adrenocortical carcinoma. Sinnaeve LJ, et al. **Can Med Assoc J** 1989 Jul 15;141(2):131–3
Chromosome studies in thyroid neoplasia. Bondeson L, et al. **Cancer** 1989 Aug 1;64(3):680–5
Right atrial extension of adrenocortical carcinoma. Surgical management using hypothermia and cardiopulmonary bypass. Cheung PS, et al. **Cancer** 1989 Aug 15;64(4):812–5
Influence of infiltrating lobular histology on local tumor control in breast cancer patients treated with conservative surgery and radiotherapy. Schnitt SJ, et al. **Cancer** 1989 Jul 15;64(2):448–54
Adrenal cortical carcinoma. Venkatesh S, et al. **Cancer** 1989 Aug 1;64(3):765–9
Poorly differentiated and undifferentiated lung tumors. Mackay B. **Chest** 1989 Jul;96(1 Suppl):38S–39S
Conservation therapy of breast cancer [letter] Stewart HJ, et al. **Lancet** 1989 Jul 15;2(8655):168–9
Influence of cellular DNA content on survival in ovarian carcinoma. Klemi PJ, et al. **Obstet Gynecol** 1989 Aug; 74(2):200–4
Adrenocortical carcinoma. Barzilay JI, et al. **Urol Clin North Am** 1989 Aug;16(3):457–68 (144 ref.)
Adrenocortical carcinoma in children. Chudler RM, et al. **Urol Clin North Am** 1989 Aug;16(3):469–79 (57 ref.)

CARCINOMA, BASAL CELL

Recurrent keratocysts in basal cell nevus syndrome: review of the literature and report of a case. Mustaciuolo VW, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):870–3 (9 ref.)

CARCINOMA, BRONCHIOLAR

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 32-1989. A 61-year-old man with multiple pulmonary nodules, solid and cavitary. **N Engl J Med** 1989 Aug 10;321(6):375–85

CARCINOMA, BRONCHOGENIC

Extended operations for T3-T4 primary lung cancers. Indications and results. Dartevelle P, et al. **Chest** 1989 Jul; 96(1 Suppl):51S–53S
Preoperative assessment of lung cancer. Drings P. **Chest** 1989 Jul;96(1 Suppl):42S–44S (10 ref.)

CARCINOMA, DUCTAL

In-situ breast cancer: the EORTC consensus meeting. van Dongen JA, et al. **Lancet** 1989 Jul 1;2(8653):25–7 (8 ref.)
Circumscribed intraductal carcinoma of the breast [letter] Hall FM. **Radiology** 1989 Aug;172(2):579–80
Prognostic factors for recurrence and cosmesis in 393 patients after radiation therapy for early mammary carcinoma. Ryoo MC, et al. **Radiology** 1989 Aug;172(2):555–9
Clinically occult ductal carcinoma in situ detected with mammography: analysis of 100 cases with radiologic-pathologic correlation. Stomper PC, et al. **Radiology** 1989 Jul;172(1):235–41

CARCINOMA IN SITU

Fine-needle aspiration of mammary lobular carcinoma in situ and atypical lobular hyperplasia. Salhany KE, et al. **Am J Clin Pathol** 1989 Jul;92(1):22–6
Intratubular germ cell neoplasia in testicular teratomas and epidermoid cysts. Correlation with prognosis and possible biologic significance. Manivel JC, et al. **Cancer** 1989 Aug 1;64(3):715–20
Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358–60
Carcinoma in situ of the testis. Reinberg Y, et al. **J Urol** 1989 Aug;142(2):243–7 (54 ref.)
In-situ breast cancer: the EORTC consensus meeting. van Dongen JA, et al. **Lancet** 1989 Jul 1;2(8653):25–7 (8 ref.)
Quantitative evaluation of the skin and accessory appendages in vulvar carcinoma in situ. Baggish MS, et al. **Obstet Gynecol** 1989 Aug;74(2):169–74
Circumscribed intraductal carcinoma of the breast [letter] Hall FM. **Radiology** 1989 Aug;172(2):579–80
Clinically occult ductal carcinoma in situ detected with mammography: analysis of 100 cases with radiologic-pathologic correlation. Stomper PC, et al. **Radiology** 1989 Jul;172(1):235–41

CARCINOMA, MUCINOUS

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 32-1989. A 61-year-old man with multiple pulmonary nodules, solid and cavitary. **N Engl J Med** 1989 Aug 10;321(6):375–85
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 29-1989. A 79-year-old man with fever, abdominal pain, and inflamed right eye. **N Engl J Med** 1989 Jul 20;321(3):172–82

CARCINOMA, NON-SMALL CELL LUNG

Report of the IASLC Le Havre Workshop. Arriagada R, et al. **Chest** 1989 Jul;96(1 Suppl):82S–83S
High-LET radiation therapy of non-small cell lung cancer. Austin-Seymour M, et al. **Chest** 1989 Jul;96(1 Suppl):72S–73S (4 ref.)
Hyperthermia in the management of lung cancer. The current situation. Bleehen NM. **Chest** 1989 Jul;96(1 Suppl):69S–71S (29 ref.)
Oncogenes and genetic abnormalities in lung cancer. Carney DN. **Chest** 1989 Jul;96(1 Suppl):25S–27S (20 ref.)
Altered fractionation for non-small cell carcinoma of the lung. Rationale for the prospective trials of the Radiation Therapy Oncology Group. Cox JD, et al. **Chest** 1989 Jul; 96(1 Suppl):68S–69S (7 ref.)
Adjuvant therapy for non-small cell lung cancer. Evans WK. **Chest** 1989 Jul;96(1 Suppl):87S–91S (29 ref.)
Quality of life assessment in patients with carcinoma of the lung. Feld R. **Chest** 1989 Jul;96(1 Suppl):105S–107S (11 ref.)
Advances in the biology of lung cancer. Clinical significance of neuroendocrine differentiation. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):39S–41S (15 ref.)
Innovative chemotherapy. Xenografts and in vitro drug sensitivity testing. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):56S–59S (18 ref.)
Limited resection in the treatment of stage I non-small cell lung cancer; an overview. Ginsberg RJ. **Chest** 1989 Jul;96(1 Suppl):50S–51S (11 ref.)
Radiologic staging of lung cancer using CT and MRI. Glazer GM. **Chest** 1989 Jul;96(1 Suppl):44S–47S (46 ref.)
Treatment of N2 non-small cell lung cancer (NSCLC). Klastersky J, et al. **Chest** 1989 Jul;96(1 Suppl):83S–85S (0 ref.)
Value of the new TNM staging system for lung cancer. Mountain CF. **Chest** 1989 Jul;96(1 Suppl):47S–49S
Radiotherapy in non-small cell lung cancer. An overview. Tubiana M. **Chest** 1989 Jul;96(1 Suppl):85S–87S (0 ref.)
Neoadjuvant vindesine, etoposide, and cisplatin for locally advanced non-small cell lung cancer. Final report of a phase 2 study. Vokes EE, et al. **Chest** 1989 Jul;96(1):110–3

CARCINOMA, OAT CELL

Upper-half body irradiation for oat cell carcinoma of the bronchus. Stockdale AD, et al. **Br J Radiol** 1989 Jun; 62(738):563–4
Small cell carcinoma of the bladder. Report of five cases with immunohistochemistry and review of the literature with evaluation of prognosis according to stage. Podesta AH, et al. **Cancer** 1989 Aug 1;64(3):710–4 (26 ref.)
Should we intensify the treatment of small cell lung cancer? Aisner J. **Chest** 1989 Jul;96(1 Suppl):64S–66S (27 ref.)
How should thoracic radiotherapy be given in limited small cell lung cancer? Arriagada R. **Chest** 1989 Jul;96(1 Suppl):78S–80S
Hyperthermia in the management of lung cancer. The current situation. Bleehen NM. **Chest** 1989 Jul;96(1 Suppl):69S–71S (29 ref.)
Oncogenes and genetic abnormalities in lung cancer. Carney DN. **Chest** 1989 Jul;96(1 Suppl):25S–27S (20 ref.)
Optimum duration of treatment with combination chemotherapy for small cell lung cancer. Cullen MH. **Chest** 1989 Jul;96(1 Suppl):62S–64S (7 ref.)
Quality of life assessment in patients with carcinoma of the lung. Feld R. **Chest** 1989 Jul;96(1 Suppl):105S–107S (11 ref.)
Innovative chemotherapy. Xenografts and in vitro drug sensitivity testing. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):56S–59S (18 ref.)
Advances in the biology of lung cancer. Clinical significance of neuroendocrine differentiation. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):39S–41S (15 ref.)
The clinical relevance of recent developments in pathology and biology of small cell lung cancer. Hirsch FR, et al. **Chest** 1989 Jul;96(1 Suppl):34S–37S (49 ref.)
Report on the IASLC Le Havre Workshop on combined modality treatment in small cell lung cancer. Le Chevalier T, et al. **Chest** 1989 Jul;96(1 Suppl):73S–74S
Combined modality treatment of small cell lung cancer. Salazar OM. **Chest** 1989 Jul;96(1 Suppl):74S–78S (26 ref.)
New treatments for small cell lung cancer. When to test. Smith IE. **Chest** 1989 Jul;96(1 Suppl):59S–61S (14 ref.)
Chemotherapy of small cell lung cancer. Smyth JF. **Chest** 1989 Jul;96(1 Suppl):61S–62S (6 ref.)
Summary of pathobiologic presentations. Sorenson GD. **Chest** 1989 Jul;96(1 Suppl):80S–81S
High-dose chemotherapy in lung cancer. Souhami RL. **Chest** 1989 Jul;96(1 Suppl):66S–68S (13 ref.)
Monoclonal antibodies in lung cancer. Stahel RA. **Chest** 1989 Jul;96(1 Suppl):27S–29S (19 ref.)
Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S–31S (13 ref.)
Insertion of the v-Ha-ras oncogene induces differentiation of calcitonin-producing human small cell lung cancer. Mabry M, et al. **J Clin Invest** 1989 Jul;84(1):194–9
Bladder neoplasms associated with augmentation cystoplasty: report of 2 cases and literature review. Golomb J, et al. **J Urol** 1989 Aug;142(2):377–80 (25 ref.)

CARCINOMA, PAPILLARY

Occult papillary thyroid carcinoma at autopsy in La Plata, Argentina. Ottino A, et al. **Cancer** 1989 Jul 15;64(2):547–51

CARCINOMA, RENAL CELL

Phase II study of recombinant interferon alpha-2a and vinblastine in advanced renal cell carcinoma. Schornagel JH, et al. **J Urol** 1989 Aug;142(2):253–6

CARCINOMA, SQUAMOUS CELL

Human papillomavirus DNA determination of anal condylomata, dysplasias, and squamous carcinomas with in situ hybridization. Duggan MA, et al. **Am J Clin Pathol** 1989 Jul;92(1):16–21
Variations in the number and morphology of Langerhans' cells in the epidermal component of squamous cell carcinomas. Alcalay J, et al. **Arch Dermatol** 1989 Jul; 125(7):917–20
Analysis of treatment failure patterns. A Southwest Oncology Group Study. Schuller DE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):834–6
Magnetic resonance imaging in recurrent carcinoma of the cervix. Williams MP, et al. **Br J Radiol** 1989 Jun; 62(738):544–50
Metastatic squamous cell carcinoma of an unknown primary localized to the neck. Advantages of an aggressive treatment. de Braud F, et al. **Cancer** 1989 Jul 15;64(2):510–5
Factors delaying the diagnosis of oral and oropharyngeal carcinomas. Guggenheimer J, et al. **Cancer** 1989 Aug 15; 64(4):932–5
Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Kaketani K, et al. **Cancer** 1989 Aug 15;64(4):887–91
Intermediate-dose methotrexate and cisplatin in the treatment of advanced epidermoid esophageal carcinoma. Response rate and disease-free survival. Saikia TK, et al. **Cancer** 1989 Jul 15;64(2):371–3
The treatment of tumors by the induction of anemia and irradiation in hyperbaric oxygen. Sealy R, et al. **Cancer** 1989 Aug 1;64(3):646–52
Squamous cell carcinoma of the tongue in children [letter] Senter TP. **Cancer** 1989 Aug 1;64(3):781–2
Mitomycin C adjuvant chemotherapy after Wertheim's hysterectomy for stage IB cervical cancer. Sivanesaratnam V, et al. **Cancer** 1989 Aug 15;64(4):798–800
Cisplatin, 5-fluorouracil, mitomycin C, and concurrent radiation therapy with and without esophogectomy for esophageal carcinoma. Stewart FM, et al. **Cancer** 1989 Aug 1;64(3):622–8
Tumor-associated gastroparesis with esophageal carcinoma. Use of intravenous metoclopramide during radionuclide gastric emptying studies to predict clinical response. Choe AI, et al. **Dig Dis Sci** 1989 Jul;34(7):1132–4
Neodymium:yttrium-aluminum-garnet laser vaporization for palliation of obstructing esophageal carcinoma. Moon BC, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):11–4; discussion 14–5
A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. Lundgren R, et al. **J Urol** 1989 Aug;142(2):374–6
Quantitative evaluation of the skin and accessory appendages in vulvar carcinoma in situ. Baggish MS, et al. **Obstet Gynecol** 1989 Aug;74(2):169–74
Early cervical cancer coexistent with idiopathic inflammatory bowel disease. Hoffman M, et al. **South Med J** 1989 Jul;82(7):905–6

CARCINOMA, TRANSITIONAL CELL

Fluoroscopically guided retrograde brush biopsy in the diagnosis of transitional cell carcinoma of the upper urinary tract: results in 45 patients. Sheline M, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):313–6
Intraarterial cisplatin infusion in the management of transitional cell carcinoma of the bladder. Jacobs SC, et al. **Cancer** 1989 Jul 15;64(2):388–91
Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Langkilde NC, et al. **Cancer** 1989 Aug 15;64(4):849–53
Carcinoma of the ureter: a clinicopathologic study of 49 cases. Anderström C, et al. **J Urol** 1989 Aug;142(2):280–3
The effect of liposome encapsulated antineoplastic agents on transitional cell carcinoma in tissue culture. Egerdie RB, et al. **J Urol** 1989 Aug;142(2):390–8
Bladder neoplasms associated with augmentation cystoplasty: report of 2 cases and literature review. Golomb J, et al. **J Urol** 1989 Aug;142(2):377–80 (25 ref.)
Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. Iizumi T, et al. **J Urol** 1989 Aug; 142(2):386–9
The predictive value of repeated urine cell culture in soft agar for recurrences of transitional cell carcinoma. Kirkels WJ, et al. **J Urol** 1989 Aug;142(2):422–4
A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. Lundgren R, et al. **J Urol** 1989 Aug;142(2):374–6
Prognostic factors for recurrence and followup policies in the treatment of superficial bladder cancer: report from the British Medical Research Council Subgroup on Superficial Bladder Cancer (Urological Cancer Working Party). Parmar MK, et al. **J Urol** 1989 Aug;142(2):284–8
M-VAC (methotrexate, vinblastine, doxorubicin and cisplatin) chemotherapy for transitional cell carcinoma: the Princess Margaret Hospital experience. Tannock I, et al. **J Urol** 1989 Aug;142(2):289–92

CARDIAC OUTPUT

Continuous cardiac output determination using transtracheal Doppler: initial results in humans. Abrams JH, et al. **Anesthesiology** 1989 Jul;71(1):11–5

CARDIAC OUTPUT, LOW

A new exercise test for the assessment of heart failure: use of a self powered treadmill. Parameshwar J, et al. **Br Heart J** 1989 May;61(5):421–5
Sympathoinhibitory responses to digitalis glycosides in heart failure patients. Direct evidence from sympathetic neural recordings. Ferguson DW, et al. **Circulation** 1989 Jul; 80(1):65–77
Arterial baroreflex abnormalities in heart failure: reversal after orthotopic cardiac transplantation [letter] Malliani A. **Circulation** 1989 Jul;80(1):218

CARDIAC PACING, ARTIFICIAL

Antianginal and cardiac metabolic effects of low-dose glucose infusion during pacing in patients with and without coronary artery disease. Thomassen A, et al. **Am Heart J** 1989 Jul;118(1):25–32
An office-based exercise protocol for predicting chronotropic response of activity-triggered, rate-variable pacemakers. Benditt DG, et al. **Am J Cardiol** 1989 Jul 1; 64(1):27–32
Increase in plasma atrial natriuretic factor during ventriculoatrial pacing. Ellenbogen KA, et al. **Am J Cardiol** 1989 Jul 15;64(3):236–7
Multicenter long-term results of antitachycardia pacing for supraventricular tachycardias. Kappenberger L, et al. **Am J Cardiol** 1989 Jul 15;64(3):191–3
Pacemaker syndrome in activity-responsive VVI pacing. Liebert HP, et al. **Am J Cardiol** 1989 Jul 1;64(1):124–6
Termination of magnet-unresponsive pacemaker endless loop tachycardia by carotid sinus massage [letter] Friart A. **Am J Med** 1989 Jul;87(1):1–2
Prognostic significance of programmed ventricular stimulation in survivors of acute myocardial infarction. Bhandari AK, et al. **Br Heart J** 1989 May;61(5):410–6
Electrophysiologic spectrum of concealed intranodal conduction during atrial rate acceleration in a model of 2:1 atrioventricular block. McKinnie J, et al. **Circulation** 1989 Jul;80(1):43–50

CARDIOLIPINS

Lupus anticoagulant [letter] Yap AS, et al. **Ann Intern Med** 1989 Aug 1;111(3):262–3
Lupus anticoagulant, anticardiolipin antibodies, and human immunodeficiency virus in haemophilia. Cohen H, et al. **J Clin Pathol** 1989 Jun;42(6):629–33
Plasma exchange and the anticardiolipin syndrome in pregnancy [letter] Fulcher D, et al. **Lancet** 1989 Jul 15; 2(8655):171

CARDIOMYOPATHY, CONGESTIVE

Importance of the left ventricular filling pressure on diastolic filling in idiopathic dilated cardiomyopathy. Lavine SJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):61–5
Myocardial energetics in patients with dilated cardiomyopathy. Influence of nitroprusside and enoximone. Hasenfuss G, et al. **Circulation** 1989 Jul;80(1):51–64

CARDIOMYOPATHY, HYPERTROPHIC

An improved method for detecting and quantifying cardiac muscle disarray in hypertrophic cardiomyopathy. Whittaker P, et al. **Am Heart J** 1989 Aug;118(2):341–6
Hypertrophic obstructive cardiomyopathy in combination with a prolapsing mitral valve. Anaesthesia for surgical correction with propofol. Bell MD, et al. **Anaesthesia** 1989 May;44(5):409–11

CARDIOMYOPATHY, RESTRICTIVE

Differentiation of constrictive pericarditis and restrictive cardiomyopathy by radionuclide ventriculography. Gerson MC, et al. **Am Heart J** 1989 Jul;118(1):114–20

CARDIOPULMONARY BYPASS

Atherectomy of the left main coronary artery with percutaneous cardiopulmonary bypass support. Muller DW, et al. **Am J Cardiol** 1989 Jul 1;64(1):114–6
Comparison of viscoelastic measures of coagulation after cardiopulmonary bypass. Tuman KJ, et al. **Anesth Analg** 1989 Jul;69(1):935–41
Right atrial extension of adrenocortical carcinoma. Surgical

management using hypothermia and cardiopulmonary bypass. Cheung PS, et al. **Cancer** 1989 Aug 15;64(4):812–5
Prophylactic treatment of postperfusion bleeding using EACA. DelRossi AJ, et al. **Chest** 1989 Jul;96(1):27–30

CARDIOVASCULAR AGENTS

Effect of cimetidine and ranitidine on cardiovascular drugs. Baciewicz AM, et al. **Am Heart J** 1989 Jul;118(1):144–54 (68 ref.)

CARDIOVASCULAR DISEASES

Pre-arrest morbidity and other correlates of survival after in-hospital cardiopulmonary arrest. George AL Jr, et al. **Am J Med** 1989 Jul;87(1):28–34
Fetal and neonatal cardiovascular complications from beta-sympathomimetic therapy for tocolysis. Katz VL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):1–4
Multivariate prediction of total and cardiovascular mortality in an obese Polynesian population. Crews DE. **Am J Public Health** 1989 Aug;79(8):982–6
The deadly quartet. Upper-body obesity, glucose intolerance, hypertriglyceridemia, and hypertension. Kaplan NM. **Arch Intern Med** 1989 Jul;149(7):1514–20 (76 ref.)
Background of the prevention of cardiovascular disease. II. Arteriosclerosis, hypertension, and selected risk factors. Paul O. **Circulation** 1989 Jul;80(1):206–14 (68 ref.)
From the Centers for Disease Control. Behavioral risk factor surveillance—selected states, 1987. **JAMA** 1989 Aug 11; 262(6):753–4
Final report on the aspirin component of the ongoing Physicians' Health Study. Steering Committee of the Physicians' Health Study Research Group [see comment] **N Engl J Med** 1989 Jul 20;321(3):129–35. **Comment on: N Engl J Med** 1989 Jul 20;321(3):183–5

CAREER CHOICE

A four-year career and residency advising program. Pethtel L. **Acad Med** 1989 Jul;64(7):417
A survey to determine factors influencing medical students' career choices. Rogers LQ, et al. **Acad Med** 1989 Jul; 64(7):417

CARMUSTINE

Randomized trial of three chemotherapy regimens and two radiotherapy regimens and two radiotherapy regimens in postoperative treatment of malignant glioma. Brain Tumor Cooperative Group Trial 8001. Shapiro WR, et al. **J Neurosurg** 1989 Jul;71(1):1–9

CARNITINE

Myocardial carnitine in end-stage congestive heart failure. Pierpont ME, et al. **Am J Cardiol** 1989 Jul 1;64(1):56–60

CAROTENE

Beta-carotene and animal fats and their relationship to prostate cancer risk. A case-control study. Mettlin C, et al. **Cancer** 1989 Aug 1;64(3):605–12
Chemoprevention of lung cancer. Problems and progress. Greenwald P, et al. **Chest** 1989 Jul;96(1 Suppl):14S–17S (11 ref.)
Diet and lung cancer. Miller AB, et al. **Chest** 1989 Jul;96(1 Suppl):8S–9S (20 ref.)
Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509–11; discussion 520–1

CAROTID ARTERIES

Stiffness of systemic arteries in patients with myocardial infarction. A noninvasive method to predict severity of coronary atherosclerosis. Hirai T, et al. **Circulation** 1989 Jul;80(1):78–86
Calcium blocker lacidipine and carotid arteriolar vasodilation in healthy volunteers. Safar M, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):94–8

CAROTID ARTERY DISEASES

Doppler and M-mode sonography of mobile carotid plaque [letter] Kotval PS, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):433–4
Assessment of the carotid arteries [letter] **Ann Intern Med** 1989 Jul 15;111(2):183–4
Carotid arteriosclerosis in identical twins discordant for cigarette smoking. Haapanen A, et al. **Circulation** 1989 Jul; 80(1):10–6
Venous rupture during transvenous approach to a carotid-cavernous fistula. Case report. King WA, et al. **J Neurosurg** 1989 Jul;71(1):133–7
Carotid cave aneurysms [letter] Nutik S. **J Neurosurg** 1989 Aug;71(2):302–3
Preoperative evaluation and management of coronary and carotid artery occlusive disease in patients with abdominal aortic aneurysms. Graor RA. **Surg Clin North Am** 1989 Aug;69(4):737–43 (21 ref.)

CAROTID ARTERY, INTERNAL

Traumatic monocular blindness and associated carotid injuries. King MA, et al. **Pediatrics** 1989 Jul;84(1):128–32

CAROTID ARTERY THROMBOSIS

Recurrent stenosis by duplex scan following carotid endarterectomy. Bertin VJ, et al. **Arch Surg** 1989 Jul; 124(7):866–9

CARPAL BONES

Stress fractures of the carpal scaphoid. A report of four cases. Hanks GA, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):938–41

CARPAL TUNNEL SYNDROME

Thermography [letter] **Neurology** 1989 Jul;39(7):1003–5
Treatment of carpal tunnel syndrome with vitamin B6: a double-blind study. Stransky M, et al. **South Med J** 1989 Jul;82(7):841–2

CARRIER PROTEINS

The insulin-like growth factor-binding proteins of porcine serum: endocrine and nutritional regulation. McCusker RH, et al. **Endocrinology** 1989 Jul;125(1):501–9
Protein kinase C catalyzed phosphorylation of sterol carrier protein 2. Steinschneider A, et al. **Endocrinology** 1989 Jul; 125(1):569–71
Bicarbonate-dependent and -independent intracellular pH regulatory mechanisms in rat hepatocytes. Evidence for Na+-HCO3- cotransport. Gleeson D, et al. **J Clin Invest** 1989 Jul;84(1):312–21
Monoclonal antibody inhibition of cholesteryl ester transfer protein activity in the rabbit. Effects on lipoprotein composition and high density lipoprotein cholesteryl ester metabolism. Whitlock ME, et al. **J Clin Invest** 1989 Jul; 84(1):129–37
IL-2, a lectin with specificity for high mannose glycopeptides. Sherblom AP, et al. **J Immunol** 1989 Aug 1;143(3):939–44

CARTILAGE

Nasal support and lining: the marriage of beauty and blood supply. Burget GC, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):189–202

CARTILAGE, ARTICULAR

Chondrocyte nonresponsiveness to insulin-like growth factor 1 in experimental arthritis. Schalkwijk J, et al. **Arthritis Rheum** 1989 Jul;32(7):894–900
Radiation synovectomy stimulates glycosaminoglycan synthesis by normal articular cartilage. Myers SL, et al. **J Lab Clin Med** 1989 Jul;114(1):27–35
Use of cross-linked bovine pericardium as a disc replacement in the rabbit temporomandibular joint. Gibeault JD, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):828–33

CAT-SCRATCH DISEASE

Antibiotic therapy for cat-scratch disease? Bogue CW, et al. **JAMA** 1989 Aug 11;262(6):813–6

CATARACT

Lens opacities classification system II (LOCS II). Chylack LT Jr, et al. **Arch Ophthalmol** 1989 Jul;107(7):991–7

CATARACT EXTRACTION

Natural evolution of postoperative astigmatism [letter] Girard LJ. **Arch Ophthalmol** 1989 Jul;107(7):956
Protective effects of viscous solutions in phacoemulsification and traumatic lens implantation. Glasser DB, et al. **Arch Ophthalmol** 1989 Jul;107(7):1047–51
Assistants at cataract surgery [letter] Hoffer KJ. **Arch Ophthalmol** 1989 Jul;107(7):952
Axial myopia increases the risk of retinal complications after neodymium-YAG laser posterior capsulotomy. Koch DD, et al. **Arch Ophthalmol** 1989 Jul;107(7):986–90
Prohibition on charges for services of assistant cataract surgeons upheld by Federal Court of Appeals. Portman RM. **Arch Ophthalmol** 1989 Jul;107(7):975–7

CATASTROPHIC ILLNESS

Catastrophic Act threatens long-stay hospitals. Eubanks P. **Hospitals** 1989 Jul 5;63(13):72
Ethical issues in chronic, severe, catastrophic illnesses. Churchill LR. **South Med J** 1989 Jul;82(7):815–7

CATATONIA

'Catatonia' due to disulfiram toxicity. Fisher CM. **Arch Neurol** 1989 Jul;46(7):798–804

CATECHIN

Prevention of postischemic cardiac injury by the orally active iron chelator 1,2-dimethyl-3-hydroxy-4-pyridone (L1) and the antioxidant (+)-cyanidanol-3. van der Kraaij AM, et al. **Circulation** 1989 Jul;80(1):158–64

CATECHOLAMINES

Disparate urinary catecholamine patterns in secondary hypertension due to unique sequential development of pheochromocytoma and neuroblastoma. Amodeo C, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):800–2
Indirect effect of catecholamines on development of insulin resistance in skeletal muscle from diabetic rats. Boström M, et al. **Diabetes** 1989 Jul;38(7):906–10
Anti-sympathetic nervous system autoantibodies. Diminished catecholamines with orthostasis. Brown FM, et al. **Diabetes** 1989 Jul;38(7):938–41
Physiology of the adrenal medulla. Tsapatsaris NP, et al. **Urol Clin North Am** 1989 Aug;16(3):439–45 (30 ref.)

CATHEPSINS

Neutrophil cathepsin G increases calcium flux and inositol polyphosphate production in cultured endothelial cells. Peterson MW, et al. **J Immunol** 1989 Jul 15;143(2):609–16

CATHETERIZATION

A coaxial technique for performing galactography. Berná JD, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):273–4
A loop catheter for superselective catheterization of the hepatic artery. Ohno K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):296–8
An illuminated cannula for viscodelamination. Ryan EH Jr. **Arch Ophthalmol** 1989 Jul;107(7):1085
Axillary arterial monitoring of pediatric patients. Lawless S, et al. **Pediatrics** 1989 Aug;84(2):273–5

CATHETERIZATION, CENTRAL VENOUS

Central catheter infection: single-versus triple-lumen catheters [letter] Sherman RA. **Am J Med** 1989 Jul; 87(1):2–3
Contamination reduction during central venous catheterization [letter] Bolton DT. **Crit Care Med** 1989 Jul; 17(7):713
Risk factors associated with intravascular catheter infections in burned patients: a prospective, randomized study. Franceschi D, et al. **J Trauma** 1989 Jun;29(6):811–6
The Vitacuff and intravascular catheter-related infection [letter] Bentivegna PE. **JAMA** 1989 Aug 4;262(5):613–4

CATHETERIZATION, PERIPHERAL

Factors affecting rapid fluid resuscitation with large-bore introducer catheters. Dutky PA, et al. **J Trauma** 1989 Jun; 29(6):856–60
Risk factors associated with intravascular catheter infections in burned patients: a prospective, randomized study. Franceschi D, et al. **J Trauma** 1989 Jun;29(6):811–6
A useful maneuver for hepatic arterial catheterization in patients with metastatic hepatic disease and abnormal vascular anatomy. Goldberg JA, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):71–2

CATHETERIZATION, SWAN-GANZ

Estimation of pulmonary capillary pressure in intact dog lungs using the arterial occlusion technique. Hakim TS, et al. **Am Rev Respir Dis** 1989 Jul;140(1):217–24

CATHETERS, INDWELLING

Central catheter infection: single-versus triple-lumen catheters [letter] Sherman RA. **Am J Med** 1989 Jul; 87(1):2–3
Delayed erosion of intraperitoneal chemotherapy catheters into the bowel. Report of two cases. Varney RR, et al. **Cancer** 1989 Aug 1;64(3):762–4
Pulmonary artery catheter deterioration during hydrochloric acid infusion for the treatment of metabolic alkalosis. Kopel RF, et al. **Crit Care Med** 1989 Jul;17(7):688–9
High failure rate of indwelling ureteral stents in patients with extrinsic obstruction: experience at 2 institutions. Docimo SG, et al. **J Urol** 1989 Aug;142(2):277–9
Intraperitoneal chemotherapy complicated by erosion of a Tenckhoff catheter into the colon. Holt RW, et al. **South Med J** 1989 Jul;82(7):914–6
Bacterial colonization of intravenous catheter materials in vitro and in vivo. Gilsdorf JR, et al. **Surgery** 1989 Jul; 106(1):37–44

CATHOLICISM

Holy communion wafers and celiac disease [letter] Moriarty KJ, et al. **N Engl J Med** 1989 Aug 3;321(5):332

CATTLE

Recurring hypocalcemia of bovine parturient paresis is associated with failure to produce 1,25-dihydroxyvitamin D. Goff JP, et al. **Endocrinology** 1989 Jul;125(1):49–53

CATTLE DISEASES

Immunologic control of a parasitic arthropod. Identification of a protective antigen from Boophilus microplus. Willadsen P, et al. **J Immunol** 1989 Aug 15;143(4):1346–51

CAUSE OF DEATH

Mortality among United States Coast Guard marine inspectors. Blair A, et al. **Arch Environ Health** 1989 May–Jun;44(3):150–6

Serum cholesterol and risk of accidental or violent death in a 25–year follow–up. The Finnish cohorts of the Seven Countries Study. Pekkanen J, et al. **Arch Intern Med** 1989 Jul;149(7):1589–91

Survival and causes of death in thalassaemia major. Zurlo MG, et al. **Lancet** 1989 Jul 1;2(8653):27–30

CAVERNOUS SINUS

Venous rupture during transvenous approach to a carotid–cavernous fistula. Case report. King WA, et al. **J Neurosurg** 1989 Jul;71(1):133–7

CECAL DISEASES

Incidence and sonographic diagnosis of bacterial ileocaecitis masquerading as appendicitis. Puylaert JB, et al. **Lancet** 1989 Jul 8;2(8654):84–6

CECUM

High–fiber diets: influence on characteristics of cecal digesta including short–chain fatty acid concentrations and pH. Fleming SE, et al. **Am J Clin Nutr** 1989 Jul;50(1):93–9

Ileocecal vaginal construction. Bürger RA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):162–7

CEFAZOLIN

Immune enhancement by tumor necrosis factor–alpha improves antibiotic efficacy after hemorrhagic shock. Livingston DH, et al. **J Trauma** 1989 Jul;29(7):967–70; discussion 970–1

CEFOPERAZONE

Perioperative antibiotic prophylaxis for transurethral resection of the prostate: is it justifiable? Houle AM, et al. **J Urol** 1989 Aug;142(2):317–9

CEFOTETAN

A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Morton AL, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):41–5

CEFTRIAXONE

Ceftriaxone–associated biliary pseudolithiasis in adults [letter] Pigrau C, et al. **Lancet** 1989 Jul 15;2(8655):165

CELIAC DISEASE

Dietary fat intake, 72–hour excretion, and Sudan stain for fecal fat [letter] **Gastroenterology** 1989 Aug;97(2):550–1

Old insight into a new insight into an old test [letter] Bernstein LH. **Gastroenterology** 1989 Aug;97(2):552–3

Mortality in celiac disease. Logan RF, et al. **Gastroenterology** 1989 Aug;97(2):265–71

HLA and immune response [letter] McCombs CC, et al. **JAMA** 1989 Aug 11;262(6):774

Celiac sprue: another endoscopic view [letter] Jabbari M, et al. **N Engl J Med** 1989 Jul 27;321(4):263–4

Holy communion wafers and celiac disease [letter] Moriarty KJ, et al. **N Engl J Med** 1989 Aug 3;321(5):332

CELL ADHESION

The effect of anti–intercellular adhesion molecule–1 on phorbol–ester–induced rabbit lung inflammation. Barton RW, et al. **J Immunol** 1989 Aug 15;143(4):1278–82

CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. Da Silva RP, et al. **J Immunol** 1989 Jul 15; 143(2):617–22

Adenosine regulates the respiratory burst of cytokine–triggered human neutrophils adherent to biologic surfaces. de la Harpe J, et al. **J Immunol** 1989 Jul 15; 143(2):596–602

CELL COMMUNICATION

Ion channels and G proteins. Brown AM, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):189–93, 198, 202–4 (3 ref.)

CELL DIVISION

Effect of IL–7 on the growth of fetal thymocytes in culture. Watson JD, et al. **J Immunol** 1989 Aug 15;143(4):1215–22

Inhibition of lymphocyte function by glioblastoma–derived transforming growth factor beta 2. Kuppner MC, et al. **J Neurosurg** 1989 Aug;71(2):211–7

CELL LINE

Establishment and characterization of cell line SFCC from clear cell adenocarcinoma of the uterine cervix. Ochiai A, et al. **Cancer** 1989 Aug 15;64(4):854–9

CELL MEMBRANE

Age–dependence of the lateral mobility of proteins in the plasma membrane of hepatocytes of C57BL/6 mice: FRAP studies on liver smears. Zs.–Nagy I, et al. **J Gerontol** 1989 Jul;44(4):B83–7

CELL MOVEMENT

Hepatic homing of mononuclear inflammatory cells isolated during murine chronic graft–vs–host disease. Howell CD, et al. **J Immunol** 1989 Jul 15;143(2):476–83

CELL NUCLEUS

Identification and significance of multinucleate tumor cells in retinoblastoma. Howard MA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1025–30

Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Kaketani K, et al. **Cancer** 1989 Aug 15;64(4):887–91

Quantitative nuclear morphology in the diagnosis of ovarian tumors of low malignant potential (borderline). Komitowski D, et al. **Cancer** 1989 Aug 15;64(4):905–10

Nuclear inclusions in innervated cultured muscle fibers from patients with oculopharyngeal muscular dystrophy. Tomé FM, et al. **Neurology** 1989 Jul;39(7):926–32

CELL SEPARATION

Development of a method for isolation of islets from human fetal pancreas. Kover K, et al. **Diabetes** 1989 Jul; 38(7):917–24

Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T cell clones isolated in IL–4. Paliard X, et al. **J Immunol** 1989 Jul 15;143(2):452–7

CELLULAR INCLUSIONS

Nuclear inclusions in innervated cultured muscle fibers from patients with oculopharyngeal muscular dystrophy. Tomé FM, et al. **Neurology** 1989 Jul;39(7):926–32

CENTRAL NERVOUS SYSTEM

Detection of fetal central nervous system anomalies: a practical level of effort for a routine sonogram [see comments] Filly RA, et al. **Radiology** 1989 Aug; 172(2):403–8. **Comment in:** Radiology 1989 Aug;172(2):309–311

CENTRAL NERVOUS SYSTEM DISEASES

Central nervous system manifestations of Lyme disease. Pachner AR, et al. **Arch Neurol** 1989 Jul;46(7):790–5

Positron emission tomography—the promise of metabolic imaging. Forstrom LA. **Mayo Clin Proc** 1989 Jun; 64(6):720–4 (31 ref.)

CNS dysfunction in Fisher's syndrome. Pessin MS, et al. **Neurology** 1989 Jul;39(7):998–9

CEPHALOMETRY

Comparison of soft–tissue enhanced and conventional cephalometric radiographs. Bunel K, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):804–7

CEPHALOSPORINS

Cefuroxime treatment failure and Haemophilus influenzae meningitis: case report and review of literature. Arditi M, et al. **Pediatrics** 1989 Jul;84(1):132–5 (36 ref.)

CEREBELLAR NEOPLASMS

Randomized trial of three chemotherapy regimens and two radiotherapy regimens and two radiotherapy regimens in postoperative treatment of malignant glioma. Brain Tumor Cooperative Group Trial 8001. Shapiro WR, et al. **J Neurosurg** 1989 Jul;71(1):1–9

CEREBRAL ANEURYSM

Timing of surgery for ruptured aneurysms: statistical issues [letter] Bell HS. **J Neurosurg** 1989 Aug;71(2):305–6

A pneumatized anterior clinoid mimicking an aneurysm on MR imaging. Report of two cases. Gean AD, et al. **J Neurosurg** 1989 Jul;71(1):128–32

CT infusion scanning for the detection of cerebral aneurysms. Newell DW, et al. **J Neurosurg** 1989 Aug;71(2):175–9

A temporal approach to anterior communicating artery aneurysms. Technical note. Poletti CE. **J Neurosurg** 1989 Jul;71(1):144–6

Use of computerized electroencephalographic monitoring during aneurysm surgery. Tempelhoff R, et al. **J Neurosurg** 1989 Jul;71(1):24–31

CEREBRAL ANGIOGRAPHY

Delayed arterial narrowing following SAH [letter] Amagasa M. **J Neurosurg** 1989 Jul;71(1):152–3

Transient global amnesia associated with cerebral angiography performed with use of iopamidol. Giang DW, et al. **Radiology** 1989 Jul;172(1):195–6

CEREBRAL ARTERIES

The contractile responses of isolated dog cerebral and extracerebral arteries to oxybarbiturates and thiobarbiturates. Hatano Y, et al. **Anesthesiology** 1989 Jul; 71(1):80–6

CEREBRAL ARTERIOVENOUS MALFORMATIONS

Two–dimensional echocardiography and Doppler findings in cerebral arteriovenous malformation. Starc TJ, et al. **Am J Cardiol** 1989 Jul 15;64(3):252–4

CEREBRAL EMBOLISM AND THROMBOSIS

Cardiogenic brain embolism. The second report of the Cerebral Embolism Task Force. **Arch Neurol** 1989 Jul; 46(7):727–43 (303 ref.)

Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22

CEREBRAL HEMORRHAGE

Cerebrovascular accidents in neonates treated with extracorporeal membrane oxygenation: sonographic–pathologic correlation. Taylor GA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):355–61

Edward B. Neuhauser lecture. Current concepts of brain injury in the premature infant. Volpe JJ. **AJR Am J Roentgenol** 1989 Aug;153(2):243–51

Intracerebral hemorrhage associated with cocaine abuse. Nolte KB, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):812–3

Very–low–birth–weight, preterm infants with or without intracranial hemorrhage. Neurologic, cognitive and cranial MRI correlations at 4–8–year follow–up. Ford LM, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):302–10

The significance of thrombocytopenia in the development of postoperative intracranial hematoma. Chan KH, et al. **J Neurosurg** 1989 Jul;71(1):38–41

Traumatic basal ganglia hemorrhage: clinicopathologic features and outcome. Katz DI, et al. **Neurology** 1989 Jul; 39(7):897–904

Etiology and pathogenesis of intraventricular hemorrhage in newborns. Pape KE. **Pediatrics** 1989 Aug;84(2):382–5

Sanguinary efforts [editorial] Grossman RI. **Radiology** 1989 Jul;172(1):13–4

Intracranial hemorrhagic lesions: evaluation with spin–echo and gradient–refocused MR imaging at 0.5 and 1.5 T. Seidenwurm D, et al. **Radiology** 1989 Jul;172(1):189–94

CEREBRAL INFARCTION

Cerebrovascular accidents in neonates treated with extracorporeal membrane oxygenation: sonographic–pathologic correlation. Taylor GA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):355–61

Edward B. Neuhauser lecture. Current concepts of brain injury in the premature infant. Volpe JJ. **AJR Am J Roentgenol** 1989 Aug;153(2):243–51

Somatosensory evoked response and recovery from stroke. Chester CS, et al. **Arch Phys Med Rehabil** 1989 Jul; 70(7):520–5

Wallerian degeneration after cerebral infarction: evaluation with sequential MR imaging. Kuhn MJ, et al. **Radiology** 1989 Jul;172(1):179–82

CEREBRAL ISCHEMIA

The effect of elevated blood glucose on the electroencephalogram and cerebral metabolism during short–term brain ischemia in fetal sheep. Chao CR, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):221–8

Treatment of focal ischemia [letter] Weintraub MI. **Neurology** 1989 Jul;39(7):1000

CEREBRAL ISCHEMIA, TRANSIENT

Effect of the 21–aminosteroid U–74006F on cerebral vasospasm following subarachnoid hemorrhage. Zuccarello M, et al. **J Neurosurg** 1989 Jul;71(1):98–104

Changes in survival after transient ischemic attacks: observations comparing the 1970s and 1980s. Howard G, et al. **Neurology** 1989 Jul;39(7):982–5

CEREBRAL PALSY

Minor congenital anomalies and ataxic cerebral palsy. Miller G. **Arch Dis Child** 1989 Apr;64(4):557–62

Use of survey research methods to study clinical decision making: referral to physical therapy of children with cerebral palsy. Campbell SK, et al. **Phys Ther** 1989 Jul; 69(7):610–5
Toe-walking in children with cerebral palsy: contributions of contracture and excessive contraction of triceps surae muscle. Tardieu C, et al. **Phys Ther** 1989 Aug;69(8):656–62

CEREBRAL REVASCULARIZATION

Cranial burr hole for revascularization in moyamoya disease. Endo M, et al. **J Neurosurg** 1989 Aug;71(2):180–5

CEREBRAL VENTRICLES

Association of left-handedness with ventricle size and neuropsychological performance in schizophrenia. Katsanis J, et al. **Am J Psychiatry** 1989 Aug;146(8):1056–8
CT abnormalities in schizophrenia. A preliminary study of their correlations with P300/P200 electrophysiological features and positive/negative symptoms. McCarley RW, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):698–708
Ventricle-brain ratio, computed tomographic density, and brain area in 50 schizophrenics. Pearlson GD, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):690–7
Sexual dimorphism and testosterone-dependent regulation of somatostatin gene expression in the periventricular nucleus of the rat brain. Chowen-Breed JA, et al. **Endocrinology** 1989 Jul;125(1):357–62
An immunohistochemical study of neuroepithelial (colloid) cysts. Kondziolka D, et al. **J Neurosurg** 1989 Jul;71(1):91–7

CEREBROSPINAL FLUID

Fluid flow through dural puncture sites. An in vitro comparison of needle point types. Cruickshank RH, et al. **Anaesthesia** 1989 May;44(5):415–8
Cerebral blood flow and metabolism in severely head-injured children. Part 1: Relationship with GCS score, outcome, ICP, and PVI. Muizelaar JP, et al. **J Neurosurg** 1989 Jul; 71(1):63–71
Relationship between compliance and resistance to outflow of CSF in adult hydrocephalus. Tans JT, et al. **J Neurosurg** 1989 Jul;71(1):59–62

CEREBROSPINAL FLUID PRESSURE

The effect of cerebrospinal fluid pressure on dural venous pressure in young rats. Jones HC, et al. **J Neurosurg** 1989 Jul;71(1):119–23
Cerebral blood flow and metabolism in severely head-injured children. Part 1: Relationship with GCS score, outcome, ICP, and PVI. Muizelaar JP, et al. **J Neurosurg** 1989 Jul; 71(1):63–71

CEREBROSPINAL FLUID PROTEINS

Acellular cerebrospinal fluid with elevated protein level in patients with intermittent acute porphyria [letter] Latorre G, et al. **Arch Intern Med** 1989 Jul;149(7):1695

CEREBROVASCULAR CIRCULATION

Inferior parietal region implicated in neurocognitive impairment in schizophrenia [letter] Cleghorn JM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):758–60
Transcranial Doppler study of intracranial circulatory arrest. Hassler W, et al. **J Neurosurg** 1989 Aug;71(2):195–201
Cerebral blood flow and metabolism in severely head-injured children. Part 1: Relationship with GCS score, outcome, ICP, and PVI. Muizelaar JP, et al. **J Neurosurg** 1989 Jul; 71(1):63–71
Cerebral blood flow and metabolism in severely head-injured children. Part 2: Autoregulation. Muizelaar JP, et al. **J Neurosurg** 1989 Jul;71(1):72–6
Peace through mind/brain science. Wagner HN Jr. **JAMA** 1989 Aug 4;262(5):625–6
Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22
The effects of aging on cerebral blood flow in migraine. Robertson WM, et al. **Neurology** 1989 Jul;39(7):947–51

CEREBROVASCULAR DISORDERS

Neurosyphilis and stroke in a patient with antibodies to the human immunodeficiency virus. Reid SE, et al. **Am J Med** 1989 Jul;87(1):119–20
Acute febrile cerebrovasculitis. A non-spotted fever group rickettsial disease. Linnemann CC Jr, et al. **Arch Intern Med** 1989 Jul;149(7):1682–4
Cardiogenic brain embolism. The second report of the Cerebral Embolism Task Force. **Arch Neurol** 1989 Jul; 46(7):727–43 (303 ref.)
Hemianesthesia and aphasia. An anatomical and behavioral study. Hyman BT, et al. **Arch Neurol** 1989 Jul;46(7):816–9
Risk factors for stroke and myocardial infarction in women in the United Kingdom as assessed in general practice: a case-control study. Thompson SG, et al. **Br Heart J** 1989 May;61(5):403–9
Hydrocephalus in achondroplasia: the possible role of intracranial venous hypertension. Steinbok P, et al. **J Neurosurg** 1989 Jul;71(1):42–8
It's a miracle! Wassersug JD. **Postgrad Med** 1989 Jul; 86(1):76–7
Lupus anticoagulant and cerebrovascular accident in a patient with neurofibromatosis. Carr ME Jr, et al. **South Med J** 1989 Jul;82(7):921–3
Adrenal apoplexy revisited. Woeber KA. **West J Med** 1989 May;150(5):582–4

CERTIFICATION

First American Board of Internal Medicine critical care examination: process and results. Norcini JJ, et al. **Crit Care Med** 1989 Jul;17(7):695–8
Importance of board certification in family practice [letter] Greenberg BD. **J Fam Pract** 1989 Jul;29(1):18–9
American Board of Pediatrics. Guidelines for combined internal medicine-pediatrics residency training programs. **Pediatrics** 1989 Jul;84(1):190–4
In support of the certificate of added qualifications in hand surgery [letter] McCormack RM. **Plast Reconstr Surg** 1989 Aug;84(2):372
Professional integrity [letter] Benson JA Jr. **West J Med** 1989 May;150(5):589

CERVICAL PLEXUS

Selective reinnervation of the abductor and adductor muscles of the canine larynx after recurrent nerve paralysis. Marie JP, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):530–6

CERVICAL VERTEBRAE

Value of anteroposterior radiography in cervical pain of non-traumatic origin. Page JE, et al. **BMJ** 1989 May 13; 298(6683):1293–4
Vascularized fibular graft to replace resected cervical vertebral bodies. Case report. Freidberg SR, et al. **J Neurosurg** 1989 Aug;71(2):283–6
Cervical injuries—perils of the swimmer's view: case report. Davis JW. **J Trauma** 1989 Jun;29(6):891–3
Cervical spine fractures sustained by young children in forward-facing car seats. Fuchs S, et al. **Pediatrics** 1989 Aug;84(2):348–54

CERVICITIS

Randomized treatment of mucopurulent cervicitis with doxycycline or amoxicillin. Paavonen J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):128–35
Complication of triptorelin treatment for uterine myomas [letter] Ellenbogen A, et al. **Lancet** 1989 Jul 15; 2(8655):167–8

CERVIX DYSPLASIA

The role of endocervical curettage in satisfactory colposcopy. el-Dabh A, et al. **Obstet Gynecol** 1989 Aug; 74(2):159–64

CERVIX NEOPLASMS

A ten-year experience treating cervical intraepithelial neoplasia with the CO2 laser. Baggish MS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):60–8
Anal submucosal injection: a new route for drug administration in pelvic malignancies. IV. Submucosal anal injection in the treatment of cancer of uterine cervix—preliminary study. Shafik A. **Am J Obstet Gynecol** 1989 Jul;161(1):69–72
Magnetic resonance imaging in recurrent carcinoma of the cervix. Williams MP, et al. **Br J Radiol** 1989 Jun; 62(738):544–50
Mass screening for cervical cancer in Taiwan from 1974 to 1984. Chou P, et al. **Cancer** 1989 Aug 15;64(4):962–8
Establishment and characterization of cell line SFCC from clear cell adenocarcinoma of the uterine cervix. Ochiai A, et al. **Cancer** 1989 Aug 15;64(4):854–9
The treatment of tumors by the induction of anemia and irradiation in hyperbaric oxygen. Sealy R, et al. **Cancer** 1989 Aug 1;64(3):646–52
Mitomycin C adjuvant chemotherapy after Wertheim's hysterectomy for stage IB cervical cancer. Sivanesaratnam V, et al. **Cancer** 1989 Aug 15;64(4):798–800
Exposure to cigarette smoke and cervical cancer [letter] Zang EA, et al. **JAMA** 1989 Jul 28;262(4):499
Cervical smears: a questionable practice? McCormick JS. **Lancet** 1989 Jul 22;2(8656):207–9
Human papillomavirus subtype 16a [letter] Ward P, et al. **Lancet** 1989 Jul 15;2(8655):170
Indicators of effective cytological sampling of the uterine cervix. Woodman CB, et al. **Lancet** 1989 Jul 8; 2(8654):88–90
Laser excision rather than vaporization: the treatment of choice for cervical intraepithelial neoplasia. McIndoe GA, et al. **Obstet Gynecol** 1989 Aug;74(2):165–8
Morbidity of lymph node sampling in cancers of the uterine corpus and cervix. Moore DH, et al. **Obstet Gynecol** 1989 Aug;74(2):180–4
Cervical carcinoma: treatment results and complications of extended-field irradiation. Gaspar LE, et al. **Radiology** 1989 Jul;172(1):271–4
Early cervical cancer coexistent with idiopathic inflammatory bowel disease. Hoffman M, et al. **South Med J** 1989 Jul;82(7):905–6

CERVIX UTERI

Increased frequency of detection of human papillomavirus deoxyribonucleic acid in exfoliated cervical cells during pregnancy. Rando RF, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):50–5
Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Hwang JJ, et al. **Endocrinology** 1989 Jul; 125(1):260–6
Indicators of effective cytological sampling of the uterine cervix. Woodman CB, et al. **Lancet** 1989 Jul 8; 2(8654):88–90

CESAREAN SECTION

Effect of physician characteristics on the cesarean birth rate. Berkowitz GS, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):146–9
Court-ordered cesarean section: an analysis of ethical concerns in compelling cases. Elkins TE, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):150–4
Management of the nonvertex second twin: primary cesarean section, external version, or primary breech extraction. Gocke SE, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):111–4
Breech presentation after cesarean section: always a section? Ophir E, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):25–8
Usefulness of continuous fetal heart rate monitoring during cesarean section. Petrikovsky BM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):36–7
Vaginal birth after cesarean delivery in the twin gestation. Strong TH Jr, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):29–32
Basic reference gambles recommended for utility assessment [letter] Thornton JG, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):256–7
Incidence of visceral pain during cesarean section: the effect of varying doses of spinal bupivacaine. Pedersen H, et al. **Anesth Analg** 1989 Jul;69(1):912–5
An increase in prostacyclin accompanies reduction of blood pressure following peritoneal closure in patients undergoing cesarean section [letter] Matsumoto M, et al. **Anesthesiology** 1989 Jul;71(1):170
Socioeconomic differences in rates of cesarean section. Gould JB, et al. **N Engl J Med** 1989 Jul 27;321(4):233–9

CHAGAS CARDIOMYOPATHY

Automatic implantable defibrillator with VVI pacemaker in a patient with chronic Chagas myocarditis and total atrioventricular block. de Paola AA, et al. **Am Heart J** 1989 Aug;118(2):415–7

CHEILITIS

Actinic cheilitis. A prospective study comparing four treatment methods. Robinson JK. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):848–52

CHELATING AGENTS

Chelation therapy and Uncle John [letter] Harris LK. **Can Med Assoc J** 1989 Jul 15;141(2):98
Wilson's disease patients can be decoppered [letter] Walshe JM. **Lancet** 1989 Jul 22;2(8656):228

CHEMICAL WARFARE

Chemical and biological warfare. Should defenses be researched and deployed? Orient JM. **JAMA** 1989 Aug 4;262(5):644–8 (49 ref.)
Weapons of mass destruction: the greatest threat to public health. Sidel VW. **JAMA** 1989 Aug 4;262(5):680–2

CHEMICAL WARFARE AGENTS

Disposing of the US chemical weapons stockpile. An approaching reality. Carnes SA, et al. **JAMA** 1989 Aug 4;262(5):653–9
Progress in medical defense against nerve agents. Dunn MA, et al. **JAMA** 1989 Aug 4;262(5):649–52 (21 ref.)
The use of chemical weapons. Conducting an investigation using survey epidemiology. Hu H, et al. **JAMA** 1989 Aug 4;262(5):640–3

CHEMOTACTIC FACTORS

The release of neutrophil chemoattractant activity by bronchoalveolar macrophages from adult and senescent mice. Esposito AL, et al. **J Gerontol** 1989 Jul;44(4):B93–9
Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. Mukaida N, et al. **J Immunol** 1989 Aug 15;143(4):1366–71

CHEMOTAXIS, LEUKOCYTE

Patterns of leukocyte chemotaxis to bile after liver transplantation. Adams DH, et al. **Gastroenterology** 1989

Aug;97(2):433–8

CHENODEOXYCHOLIC ACID

Gallstone disappearance after extracorporeal lithotripsy and oral bile acid dissolution. Ponchon T, et al. **Gastroenterology** 1989 Aug;97(2):457–63

CHEST PAIN

A migratory infiltrate in a patient with hemoptysis and chest pain. Ghio AJ, et al. **Chest** 1989 Jul;96(1):195–6

Chest pain and dyspnea related to "crack" cocaine smoking: value of chest radiography. Eurman DW, et al. **Radiology** 1989 Aug;172(2):459–62

CHICK EMBRYO

Development of an in vitro model for the disruption of extracellular matrix components in the study of congenital renal parenchymal dysmorphism. Howe SC, et al. **J Urol** 1989 Aug;142(2 Pt 2):612–5; discussion 619

CHILD ABUSE

Non-accidental injury [letter] **BMJ** 1989 Apr 29; 298(6681):1179–80

ABC of child abuse. Head injuries. Hobbs CJ. **BMJ** 1989 Apr 29;298(6681):1169–70 (0 ref.)

ABC of child abuse. Burns and scalds. Hobbs CJ. **BMJ** 1989 May 13;298(6683):1302–5 (0 ref.)

Growth of abused children. Contrasted with the non-abused in an urban poor community. Karp RJ, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):317–20

CHILD ABUSE, SEXUAL

Sexual abuse in childhood and Freud's seduction theory [letter] Rego MD. **Am J Psychiatry** 1989 Aug; 146(8):1082–3

Children's allegations of sexual abuse [letter] Whitehurst T. **Am J Psychiatry** 1989 Jul;146(7):947

Prevalence of reflex anal dilatation [letter] **BMJ** 1989 Apr 29;298(6681):1179

Prevalence of reflex anal dilatation [letter] Fletcher HJ, et al. **BMJ** 1989 May 13;298(6683):1312

Anogenital trauma in sexually abused children. Finkel MA. **Pediatrics** 1989 Aug;84(2):317–22

CHILD ADVOCACY

A proposal concerning decisions to forgo life-sustaining treatment for young people. Leikin S. **J Pediatr** 1989 Jul; 115(1):17–22

CHILD BEHAVIOR DISORDERS

Child abduction. Parent and child functioning following return. Forehand R, et al. **Clin Pediatr (Phila)** 1989 Jul; 28(7):311–6

CHILD DEVELOPMENT

Assessment of neurodevelopmental outcome in surfactant-replacement therapy [letter] Langkamp D. **Am J Dis Child** 1989 Jul;143(7):762–3

Acid-base status at birth and neurodevelopmental outcome at four and one-half years. Dennis J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):213–20

Developmental perspectives in child and adolescent depressive symptoms in a community sample. Kashani JH, et al. **Am J Psychiatry** 1989 Jul;146(7):871–5

Home visiting: a necessary but not in itself sufficient program component for promoting the health and development of families and children. Chamberlin RW. **Pediatrics** 1989 Jul; 84(1):178–80

Neurodevelopmental progress of young children with chronic renal disease. Geary DF, et al. **Pediatrics** 1989 Jul; 84(1):68–72

Home visiting of varying frequency and child development. Powell C, et al. **Pediatrics** 1989 Jul;84(1):157–64

CHILD DEVELOPMENT DISORDERS

Neurodevelopmental progress of young children with chronic renal disease. Geary DF, et al. **Pediatrics** 1989 Jul; 84(1):68–72

CHILD HEALTH SERVICES

Follow-up of premature infants of low socioeconomic status. Zahr L, et al. **Nurs Res** 1989 Jul–Aug;38(4):246–7

Quality of mother-infant attachment and pediatric health care use. Harris ES, et al. **Pediatrics** 1989 Aug;84(2):248–54

CHILD, HOSPITALIZED

Very low birth-weight infants: parental visiting and telephoning during initial infant hospitalization. Brown LP, et al. **Nurs Res** 1989 Jul–Aug;38(4):233–6

CHILD NUTRITION

Nutritional supplementation: effects on child stunting because of diarrhea. Lutter CK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):1–8

Revised school breakfast pattern finalized. **J Am Diet Assoc** 1989 Jul;89(7):910

CHILD NUTRITION DISORDERS

Association of antecedent malnutrition with persistent diarrhoea: a case-control study. Bhandari N, et al. **BMJ** 1989 May 13;298(6683):1284–7

Growth of abused children. Contrasted with the non-abused in an urban poor community. Karp RJ, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):317–20

CHILD PSYCHOLOGY

Response effects in surveys with school-age children. Holaday B, et al. **Nurs Res** 1989 Jul–Aug;38(4):248–50

CHILD REARING

Regaining control of the television set [letter] Agre F. **Pediatrics** 1989 Aug;84(2):404–5

CHILD WELFARE

Child abduction. Parent and child functioning following return. Forehand R, et al. **Clin Pediatr (Phila)** 1989 Jul; 28(7):311–6

CHIN

Transoral submental lipectomy: an adjunct to orthognathic surgery. Epker BN, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):795–803

CHIROPRACTIC

Nutrition-related backgrounds and counseling practices of doctors of chiropractic. Newman CF, et al. **J Am Diet Assoc** 1989 Jul;89(7):939–43

CHLAMYDIA INFECTIONS

Chlamydia trachomatis infection in infants: a prospective study. Preece PM, et al. **Arch Dis Child** 1989 Apr; 64(4):525–9

Enzyme immunoassay compared with cell culture and immunofluorescence for detecting genital chlamydia. Mumtaz G, et al. **J Clin Pathol** 1989 Jun;42(6):658–60

Chlamydia trachomatis and Neisseria gonorrhoeae in asymptomatic family planning patients in rural New Mexico. Bell TA, et al. **West J Med** 1989 May;150(5):543–4

CHLORAMPHENICOL

Chloramphenicol treatment of childhood bacterial meningitis [letter] Forster J. **Lancet** 1989 Jul 15;2(8655):161

CHLORIDES

Learning disabilities as a probable consequence of using chloride-deficient infant formula. Silver LB, et al. **J Pediatr** 1989 Jul;115(1):97–9

CHLOROQUINE

Chloroquine overdosage in infancy: a case report. Loney PD, et al. **Am Fam Physician** 1989 Jul;40(1):164–6

The spread of chloroquine-resistant malaria in Africa. Implications for travelers. Moran JS, et al. **JAMA** 1989 Jul 14;262(2):245–8 (20 ref.)

CHLORPROMAZINE

Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. Marshall G, et al. **J Pediatr** 1989 Jul;115(1):156–60

CHOLANGIOGRAPHY

Endoscopic cholangiography and stone removal prior to cholecystectomy. A more cost-effective approach than operative duct exploration? Van Stiegmann G, et al. **Arch Surg** 1989 Jul;124(7):787–9; discussion 789–90

Biliary tract dilatation in chronic pancreatitis: CT and sonographic findings. Huntington DK, et al. **Radiology** 1989 Jul;172(1):47–50

CHOLANGIOMA

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542–6

The development and extension of hepatohilar bile duct carcinoma. A three-dimensional tumor mapping in the intrahepatic biliary tree visualized with the aid of a graphics computer system. Suzuki M, et al. **Cancer** 1989 Aug 1; 64(3):658–66

Hilar cholangiocarcinoma associated with clonorchiasis. Sher L, et al. **Dig Dis Sci** 1989 Jul;34(7):1121–3

CHOLANGITIS

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542–6

Endoscopic drainage for suppurative cholangitis [letter] Cotton PB. **Lancet** 1989 Jul 22;2(8656):213

CHOLANGITIS, SCLEROSING

Primary sclerosing cholangitis associated with liver atrophy. Hadjis NS, et al. **Am J Surg** 1989 Jul;158(1):43–7

CHOLECYSTECTOMY

Cholecystectomy in sickle cell anemia [letter] Gerry F. **Am J Dis Child** 1989 Jul;143(7):764

Endoscopic cholangiography and stone removal prior to cholecystectomy. A more cost-effective approach than operative duct exploration? Van Stiegmann G, et al. **Arch Surg** 1989 Jul;124(7):787–9; discussion 789–90

Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. Hannan EL, et al. **JAMA** 1989 Jul 28; 262(4):503–10

CHOLECYSTITIS

Preferred imaging techniques for the diagnosis of cholecystitis and cholelithiasis. Carroll BA. **Ann Surg** 1989 Jul;210(1):1–12 (54 ref.)

Acute acalculous cholecystitis in critically injured patients. Preoperative diagnostic imaging. Cornwell EE 3d, et al. **Ann Surg** 1989 Jul;210(1):52–5

Percutaneous cholecystostomy in the diagnosis and treatment of acute cholecystitis in the high-risk patient. Werbel GB, et al. **Arch Surg** 1989 Jul;124(7):782–5; discussion 785–6

CHOLECYSTOKININ

MK-329 has no direct effect on the pancreas [letter] Berlin RG. **Gastroenterology** 1989 Aug;97(2):553–4

Effects of trypsin inhibitor (camostate) on pancreas and CCK release in young and old female rats. Miyasaka K, et al. **J Gerontol** 1989 Jul;44(4):M136–40

Treatment of biliary colic with loxiglumide [letter] Beglinger C, et al. **Lancet** 1989 Jul 15;2(8655):167

Role of cholecystokinin in regulation of gastrointestinal motor functions. Meyer BM, et al. **Lancet** 1989 Jul 1; 2(8653):12–5

CHOLECYSTOSTOMY

Percutaneous cholecystostomy in the diagnosis and treatment of acute cholecystitis in the high-risk patient. Werbel GB, et al. **Arch Surg** 1989 Jul;124(7):782–5; discussion 785–6

CHOLEDOCHOSTOMY

Endoscopic endoprosthesis insertion following failure of cholecystojejunostomy in pancreatic carcinoma. Dowsett JF, et al. **Br J Surg** 1989 May;76(5):454–6

CHOLELITHIASIS

The current status of biliary lithotripsy: a survey of members of the Society of Gastrointestinal Radiologists. Bova JG. **AJR Am J Roentgenol** 1989 Aug;153(2):291–2

Gallstone recurrence after cholecystolithotomy. Gibney RG, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):287–9

Percutaneous ultrasonic lithotripsy and endoscopic removal of retained intrahepatic stone [letter] Hoe J, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):428–9

Walter B. Cannon lecture. Shock-wave lithotripsy of gallstones. Paumgartner G. **AJR Am J Roentgenol** 1989 Aug;153(2):235–42

Preferred imaging techniques for the diagnosis of cholecystitis and cholelithiasis. Carroll BA. **Ann Surg** 1989 Jul;210(1):1–12 (54 ref.)

The surgeon and biliary lithotripsy [editorial] Nahrwold DL. **Arch Surg** 1989 Jul;124(7):769–70

Endoscopic cholangiography and stone removal prior to cholecystectomy. A more cost-effective approach than operative duct exploration? Van Stiegmann G, et al. **Arch Surg** 1989 Jul;124(7):787–9; discussion 789–90

Endoscopic treatment of acute biliary pancreatitis [letter] Tulassay Z, et al. **Br J Surg** 1989 May;76(5):525

Cholelithiasis. Clinical characteristics in children. Case analysis and literature review. Friesen CA, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):294–8 (25 ref.)

Use of external shock-wave lithotripsy and adjuvant ursodiol for treatment of radiolucent gallstones. A national multicenter study. Burnett D, et al. **Dig Dis Sci** 1989 Jul; 34(7):1011–5

Fragmentation of biliary calculi by means of extracorporeally generated piezoelectric shock waves. Ell C, et al. **Dig Dis Sci** 1989 Jul;34(7):1006–10

Who should conduct extracorporeal shock-wave biliary lithotripsy studies? Ertan A, et al. **Dig Dis Sci** 1989 Jul; 34(7):996–8

A watershed in gallstone therapy? Schade RR, et al. **Dig Dis Sci** 1989 Jul;34(7):993–5 (14 ref.)

Shock-wave therapy of gastric outlet syndrome caused by a gallstone. Holl J, et al. **Gastroenterology** 1989 Aug; 97(2):472-4
Gallstone disappearance after extracorporeal lithotripsy and oral bile acid dissolution. Ponchon T, et al. **Gastroenterology** 1989 Aug;97(2):457-63
Clinical trials of gallstone lithotripsy. Adwers JR. **Hosp Pract [Off]** 1989 Jul 15;24(7):83-90 (14 ref.)
Evaluating gallbladder lithotripsy [letter] Milner PC, et al. **Lancet** 1989 Jul 1;2(8653):51
Ceftriaxone-associated biliary pseudolithiasis in adults [letter] Pigrau C, et al. **Lancet** 1989 Jul 15;2(8655):165
Newer interventional procedures for treatment of cholecystolithiasis [letter] Gleeson MJ, et al. **Radiology** 1989 Jul;172(1):285
Gallbladder lithotripsy. Steinberg HV, et al. **Radiology** 1989 Jul;172(1):7-11
Abdominal aortic aneurysmorrhaphy combined with biliary or gastrointestinal surgery. Thomas JH. **Surg Clin North Am** 1989 Aug;69(4):807-15 (23 ref.)

CHOLERA

Clinical trial of clonidine hydrochloride as an antisecretory agent in cholera. Rabbani GH, et al. **Gastroenterology** 1989 Aug;97(2):321-5

CHOLERA TOXIN

Cholera toxin as a mucosal adjuvant. Glutaraldehyde treatment dissociates adjuvanticity from toxicity. Liang XP, et al. **J Immunol** 1989 Jul 15;143(2):484-90
Cholera toxin-sensitive and insensitive signaling via surface Ig. Warner GL, et al. **J Immunol** 1989 Jul 15;143(2):458-63

CHOLESTASIS

Endotoxemia during percutaneous manipulation of the obstructed biliary tree. Lumsden AB, et al. **Am J Surg** 1989 Jul;158(1):21-4
Less is better. The diagnostic workup of the patient with obstructive jaundice. Olen R, et al. **Arch Surg** 1989 Jul; 124(7):791-4; discussion 794-5
Measurement of body water compartments after ligation of the common bile duct in the rabbit. Martínez-Ródenas F, et al. **Br J Surg** 1989 May;76(5):461-4
Gianturco expandable metallic biliary stents: results of a European clinical trial. Irving JD, et al. **Radiology** 1989 Aug;172(2):321-6

CHOLESTASIS, INTRAHEPATIC

Benign recurrent intrahepatic cholestasis: altered bile acid metabolism. Bijleveld CM, et al. **Gastroenterology** 1989 Aug;97(2):427-32

CHOLESTEATOMA

Treatment of labyrinthine fistula. Palva T, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):804-6
Cholesteatoma (keratoma) of the maxillary sinus: report of a case. Sadoff RS, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):873-6

CHOLESTEROL

Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Edington JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):58-62
Diet and serum cholesterol [letter] Kahn HA, et al. **Am J Clin Nutr** 1989 Jul;50(1):177-8
Cholesterol and apolipoprotein distribution in plasma high-density-lipoprotein subclasses from zinc-deficient rats. Koo SI, et al. **Am J Clin Nutr** 1989 Jul;50(1):73-9
Short-term exposure to high dietary cholesterol in early life: arterial changes and response after normalization of plasma cholesterol. Subbiah MT, et al. **Am J Clin Nutr** 1989 Jul; 50(1):68-72
Sex hormones and lipoproteins in men. Kiel DP, et al. **Am J Med** 1989 Jul;87(1):35-9
Plasma lipid levels in patients with panic disorder or agoraphobia. Hayward C, et al. **Am J Psychiatry** 1989 Jul; 146(7):917-9
Serum cholesterol and risk of accidental or violent death in a 25-year follow-up. The Finnish cohorts of the Seven Countries Study. Pekkanen J, et al. **Arch Intern Med** 1989 Jul;149(7):1589-91
Plasma cholesterol, coronary heart disease, and cancer [letter] **BMJ** 1989 Apr 29;298(6681):1176
Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459-68
Peanutaholic has hyperpeanutemia [letter] Scheier NR. **JAMA** 1989 Jul 28;262(4):500-1
From the Congressional Office of Technology Assessment. Wagner J. **JAMA** 1989 Jul 28;262(4):454
Blood cholesterol measurement in the prevention of coronary heart disease. **Lancet** 1989 Jul 8;2(8654):115-6 (0 ref.)
Cholesterol and mortality in elderly women [letter] Löwik MR, et al. **Lancet** 1989 Jul 1;2(8653):41
Low cholesterol and increased risk [letter] Oliver MF. **Lancet** 1989 Jul 15;2(8655):163
Cholesterol granulomas of the middle ear cavities: MR imaging. Martin N, et al. **Radiology** 1989 Aug;172(2):521-5

CHOLESTEROL, DIETARY

Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Edington JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):58-62
Short-term exposure to high dietary cholesterol in early life: arterial changes and response after normalization of plasma cholesterol. Subbiah MT, et al. **Am J Clin Nutr** 1989 Jul; 50(1):68-72
Dietary cholesterol and heart disease [letter] **Lancet** 1989 Jul 8;2(8654):110-1

CHOLESTEROL ESTERS

Monoclonal antibody inhibition of cholesteryl ester transfer protein activity in the rabbit. Effects on lipoprotein composition and high density lipoprotein cholesteryl ester metabolism. Whitlock ME, et al. **J Clin Invest** 1989 Jul; 84(1):129-37

CHONDROCALCINOSIS

A histological study of calcium pyrophosphate dihydrate crystal-deposition disease. Ishikawa K, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):875-86
Foramen magnum syndrome from pseudogout of the atlanto-occipital ligament. Case report. Ciricillo SF, et al. **J Neurosurg** 1989 Jul;71(1):141-3

CHONDROITIN

Protective effects of viscous solutions in phacoemulsification and traumatic lens implantation. Glasser DB, et al. **Arch Ophthalmol** 1989 Jul;107(7):1047-51
Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Sieck EA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1023-4

CHONDROMA

Chondromyxoid fibroma. Batsakis JG, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):571-2
Congenital soft-part chondroma. A case report. Miki T, et al. **Clin Orthop** 1989 Jul;(244):244-8
Synovial chondromatosis associated with experimental osteoarthritis in adult monkeys. Helmy ES, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):823-7
Tumors of cartilage origin. Greenspan A. **Orthop Clin North Am** 1989 Jul;20(3):347-66 (61 ref.)

CHONDROSARCOMA

The effect of photodynamic therapy on tumor oxygenation. Reed MW, et al. **Surgery** 1989 Jul;106(1):94-9

CHORDAE TENDINEAE

Association of keratoconus and false chordae tendineae in the left ventricle. Bermúdez FJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):93-4

CHORDOMA

Chordoma: a critical review of diagnosis and treatment. Healey JH, et al. **Orthop Clin North Am** 1989 Jul; 20(3):417-26 (62 ref.)

CHOREA

Ataxia, chorea, seizures, and dementia. Pathologic features of a newly defined familial disorder. Farmer TW, et al. **Arch Neurol** 1989 Jul;46(7):774-9
Chorea gravidarum. A case report including magnetic resonance imaging results. Ginnetti RA, et al. **J Fam Pract** 1989 Jul;29(1):87-9
Tendency to late recurrence following rheumatic chorea. Gibb WR, et al. **Neurology** 1989 Jul;39(7):999

CHORIONIC VILLI SAMPLING

Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. Shapiro E, et al. **J Urol** 1989 Aug;142(2 Pt 2):663-6; discussion 667-8

CHORISTOMA

Diagnosis of thoracic splenosis by tru-cut needle biopsy. Gaines JJ, et al. **Am Rev Respir Dis** 1986 Jun; 133(6):1199-201
Pituitary-containing benign cystic teratoma arising from the uterosacral ligament. Heller DS, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):802-4
Scrotal incarceration of the ureter with crossed renal ectopia: case report and literature review. Rocklin MS, et al. **J Urol** 1989 Aug;142(2):366-8 (17 ref.)
Bilateral ectopic thymus gland tissue associated with the cleft lip and palate [letter] Dado DV, et al. **Plast Reconstr Surg** 1989 Aug;84(2):376

CHOROID NEOPLASMS

Noncontiguous local recurrence of posterior uveal melanoma after cobalt 60 episcleral plaque therapy. Duker JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1019-22

CHRISTMAS DISEASE

Three point mutations in the factor IX genes of five hemophilia B patients. Identification strategy using localization by altered epitopes in their hemophilic proteins. Chen SH, et al. **J Clin Invest** 1989 Jul;84(1):113-8

CHROMIUM

Nicolas-Louis Vauquelin—discoverer of chromium. Kyle RA, et al. **Mayo Clin Proc** 1989 Jun;64(6):643

CHROMOBLASTOMYCOSIS

Experimental murine chromomycosis mimicking chronic progressive human disease. Ahrens J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):651-8

CHROMOSOME ABERRATIONS

The production of chromosome structural changes by radiation: an update of Lea (1946), Chapter VI. Savage JR. **Br J Radiol** 1989 Jun;62(738):507-20 (102 ref.)
Chromosome studies in thyroid neoplasia. Bondeson L, et al. **Cancer** 1989 Aug 1;64(3):680-5
A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. Lundgren R, et al. **J Urol** 1989 Aug;142(2):374-6
Detecting t(14;18) in paraffin-embedded lymphoma tissue [letter] Hickish T, et al. **Lancet** 1989 Jul 22;2(8656):218-9

CHROMOSOME ABNORMALITIES

Chromosome studies in thyroid neoplasia. Bondeson L, et al. **Cancer** 1989 Aug 1;64(3):680-5
Proto-oncogene abnormalities and their relationship to tumorigenicity in some human glioblastomas. U HS, et al. **J Neurosurg** 1989 Jul;71(1):83-90
Ataxia-pancytopenia and monosomy 7 syndrome. Daghistani D, et al. **J Pediatr** 1989 Jul;115(1):108-10

CHROMOSOME DELETION

Ataxia-pancytopenia and monosomy 7 syndrome. Daghistani D, et al. **J Pediatr** 1989 Jul;115(1):108-10
Clonality of parathyroid tumors in familial multiple endocrine neoplasia type 1. Friedman E, et al. **N Engl J Med** 1989 Jul 27;321(4):213-8
Association of parathyroid tumors in multiple endocrine neoplasia type 1 with loss of alleles on chromosome 11. Thakker RV, et al. **N Engl J Med** 1989 Jul 27;321(4):218-24

CHROMOSOME MAPPING

Looking to future of genome mapping, sequencing [news] Kangilaski J. **JAMA** 1989 Jul 21;262(3):325
700 genes mapped at world workshop [news] Merz B. **JAMA** 1989 Jul 14;262(2):175

CHROMOSOMES

The production of chromosome structural changes by radiation: an update of Lea (1946), Chapter VI. Savage JR. **Br J Radiol** 1989 Jun;62(738):507-20 (102 ref.)

CHROMOSOMES, HUMAN

700 genes mapped at world workshop [news] Merz B. **JAMA** 1989 Jul 14;262(2):175

CHROMOSOMES, HUMAN, PAIR 5

Eye tracking dysfunction is associated with partial trisomy of chromosome 5 and schizophrenia: a response [letter] Holzman PS, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):756-8

CHROMOSOMES, HUMAN, PAIR 9

A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. Lundgren R, et al. **J Urol** 1989 Aug;142(2):374-6

CHROMOSOMES, HUMAN, PAIR 11

A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. Lundgren R, et al. **J Urol** 1989 Aug;142(2):374-6
Clonality of parathyroid tumors in familial multiple endocrine neoplasia type 1. Friedman E, et al. **N Engl J Med** 1989 Jul 27;321(4):213-8
Association of parathyroid tumors in multiple endocrine neoplasia type 1 with loss of alleles on chromosome 11. Thakker RV, et al. **N Engl J Med** 1989 Jul 27;321(4):218-24

CHROMOSOMES, HUMAN, PAIR 14

Detecting t(14;18) in paraffin-embedded lymphoma tissue [letter] Hickish T, et al. **Lancet** 1989 Jul 22;2(8656):218-9

CHROMOSOMES, HUMAN, PAIR 18

Enlarged cisterna magna in trisomy 18: prenatal ultrasonographic diagnosis. Thurmond AS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):83-5

Detecting t(14;18) in paraffin-embedded lymphoma tissue [letter] Hickish T, et al. **Lancet** 1989 Jul 22;2(8656):218-9

CHRONIC DISEASE

Chronic disease among Seventh-day Adventists, a low-risk group. Rationale, methodology, and description of the population. Beeson WL, et al. **Cancer** 1989 Aug 1; 64(3):570-81

Ethical issues in chronic, severe, catastrophic illnesses. Churchill LR. **South Med J** 1989 Jul;82(7):815-7

CHYMOPAPAIN

Chymopapain chemonucleolysis versus surgical discectomy in a military population. Alexander AH, et al. **Clin Orthop** 1989 Jul;(244):158-65

CILIARY MOTILITY DISORDERS

Orientation of respiratory tract cilia in patients with primary ciliary dyskinesia, bronchiectasis, and in normal subjects. De Iongh R, et al. **J Clin Pathol** 1989 Jun;42(6):613-9

CIMETIDINE

Effect of cimetidine and ranitidine on cardiovascular drugs. Baciewicz AM, et al. **Am Heart J** 1989 Jul;118(1):144-54 (68 ref.)

The effects of cimetidine on the oxidative metabolism of estradiol. Galbraith RA, et al. **N Engl J Med** 1989 Aug 3;321(5):269-74

CINEANGIOGRAPHY

Cineangiographic and pathological features of the infarct related vessel in successful and unsuccessful thrombolysis. Onodera T, et al. **Br Heart J** 1989 May;61(5):385-9

CIPROFLOXACIN

Ciprofloxacin treatment of typhus [letter] Eaton M, et al. **JAMA** 1989 Aug 11;262(6):772-3

CIRCLE OF WILLIS

Circle of Willis in newborns: color Doppler imaging of 53 healthy full-term infants. Mitchell DG, et al. **Radiology** 1989 Jul;172(1):201-5

CIRCUMCISION

American Academy of Pediatrics: Report of the Task Force on Circumcision. **Pediatrics** 1989 Aug;84(2):388-91 (56 ref.)

Newborn circumcision [letter] Franzblau MJ. **West J Med** 1989 May;150(5):589

CISPLATIN

cis-platinum, a treatment for refractory rheumatoid arthritis? [letter] Sanchez-Burson J, et al. **Br J Rheumatol** 1989 Aug; 28(4):358

Hypofractionated radiation therapy and concurrent cisplatin in malignant cerebral gliomas. Rapid palliation in low performance status patients. Hercbergs AA, et al. **Cancer** 1989 Aug 15;64(4):816-20

Intraarterial cisplatin infusion in the management of transitional cell carcinoma of the bladder. Jacobs SC, et al. **Cancer** 1989 Jul 15;64(2):388-91

The effect of liposome encapsulated antineoplastic agents on transitional cell carcinoma in tissue culture. Egerdie RB, et al. **J Urol** 1989 Aug;142(2):390-8

Carboplatin or cisplatin? [letter] Pinkerton CR, et al. **Lancet** 1989 Jul 15;2(8655):161

CISTERNA MAGNA

Enlarged cisterna magna in trisomy 18: prenatal ultrasonographic diagnosis. Thurmond AS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):83-5

Effacement of the fetal cisterna magna in association with myelomeningocele [see comments] Goldstein RB, et al. **Radiology** 1989 Aug;172(2):409-13. **Comment in:** Radiology 1989 Aug;172(2):309-311

CIVIL DISORDERS

Physicians with Georgia on their minds [news] Goldsmith MF. **JAMA** 1989 Aug 4;262(5):603-4

CLEFT LIP

Bilateral ectopic thymus gland tissue associated with the cleft lip and palate [letter] Dado DV, et al. **Plast Reconstr Surg** 1989 Aug;84(2):376

Improved hearing and improved speech [letter] Dellon AL. **Plast Reconstr Surg** 1989 Aug;84(2):369-70

Protruding premaxilla in the bilateral cleft lip patient [letter] Georgiade NG, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):372-3

CLEFT PALATE

Bilateral ectopic thymus gland tissue associated with the cleft lip and palate [letter] Dado DV, et al. **Plast Reconstr Surg** 1989 Aug;84(2):376

CLINDAMYCIN

Penicillin and clindamycin therapy in recurrent tonsillitis. Effect of microbial flora. Foote PA Jr, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):856-9

Clindamycin versus metronidazole in the treatment of bacterial vaginosis [letter] Bignardi GE. **Obstet Gynecol** 1989 Aug;74(2):281-2

CLINICAL COMPETENCE

Why not base clinical education in general practice? Oswald N. **Lancet** 1989 Jul 15;2(8655):148-9

In-training examinations as predictors of resident clinical performance. Quattlebaum TG, et al. **Pediatrics** 1989 Jul; 84(1):165-72

CLINICAL PROTOCOLS

Hypothesis-oriented algorithms. Echternach JL, et al. **Phys Ther** 1989 Jul;69(7):559-64

CLINICAL TRIALS

AIDS clinical trials information service [news] **Am Fam Physician** 1989 Jul;40(1):280

When does the failure to find a difference mean that there is none? Javitt JC. **Arch Ophthalmol** 1989 Jul; 107(7):1034-40

Clinical trials for clinicians. Gelber RD, et al. **Chest** 1989 Jul;96(1 Suppl):97S-101S

Problems in assessing quality of life (QL) of lung cancer patients in clinical trials. Hürny C, et al. **Chest** 1989 Jul; 96(1 Suppl):102S-105S (26 ref.)

Dipyrone trials in Thailand [letter] Kiatboonsri P, et al. **Lancet** 1989 Jul 8;2(8654):107

A referendum on clinical trial research in multiple sclerosis: the opinion of the participants at the Jekyll Island workshop. Noseworthy JH, et al. **Neurology** 1989 Jul; 39(7):977-81

Retrospective and prospective identification of unpublished controlled trials: lessons from a survey of obstetricians and pediatricians. Hetherington J, et al. **Pediatrics** 1989 Aug; 84(2):374-80

CLITORIS

A new 1-stage procedure for clitorovaginoplasty in severely masculinized female pseudohermaphrodites. Passerini-Glazel G. **J Urol** 1989 Aug;142(2 Pt 2):565-8; discussion 572

CLONE CELLS

Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6-specific proliferative stimulus in Mlsa mice. Howe RC, et al. **J Immunol** 1989 Aug 1;143(3):793-7

Cloned natural suppressor cell lines express the CD3+CD4-CD8- surface phenotype and the alpha, beta heterodimer of the T cell antigen receptor. Strober S, et al. **J Immunol** 1989 Aug 15;143(4):1118-22

CLONIDINE

Comparative effects of transdermal clonidine and oral atenolol on acute exercise performance and response to aerobic conditioning in subjects with hypertension. Davies SF, et al. **Arch Intern Med** 1989 Jul;149(7):1551-6

Assessment of MK-912, an alpha 2-adrenoceptor antagonist, with use of intravenous clonidine. Warren JB, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):103-9

Clinical trial of clonidine hydrochloride as an antisecretory agent in cholera. Rabbani GH, et al. **Gastroenterology** 1989 Aug;97(2):321-5

CLONORCHIASIS

Hilar cholangiocarcinoma associated with clonorchiasis. Sher L, et al. **Dig Dis Sci** 1989 Jul;34(7):1121-3

CLOSTRIDIOPEPTIDASE A

Characterization of tissue from the bone-polymethylmethacrylate interface in a rat experimental model. Demonstration of collagen-degrading activity and bone-resorbing potential. Coe MR, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):863-74

Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. Kumkumian GK, et al. **J Immunol** 1989 Aug 1;143(3):833-7

CLOSTRIDIUM INFECTIONS

Sepsis due to an infected pseudocyst of hemophilia. A case report. Ferenz CC, et al. **Clin Orthop** 1989 Jul;(244):254-7

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 29-1989. A 79-year-old man with fever, abdominal pain, and inflamed right eye. **N Engl J Med** 1989 Jul 20;321(3):172-82

Nosocomial Clostridium difficile infections [letter] Cimino JJ. **N Engl J Med** 1989 Jul 20;321(3):190

CLOTHING

The thermal environment in which 3-4 month old infants sleep at home. Wailoo MP, et al. **Arch Dis Child** 1989 Apr; 64(4):600-4

COBALT RADIOISOTOPES

Noncontiguous local recurrence of posterior uveal melanoma after cobalt 60 episcleral plaque therapy. Duker JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1019-22

COCAINE

Stimulants, panic, and BEAM EEG abnormalities [letter] Abraham HD. **Am J Psychiatry** 1989 Jul;146(7):947-8

Intracerebral hemorrhage associated with cocaine abuse. Nolte KB, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):812-3

Pulmonary hemorrhage in a cocaine abuser [letter] Walek JW, et al. **Chest** 1989 Jul;96(1):222

Pharmacotherapeutic interventions for cocaine abuse. Matching patients to treatments. Kosten TR. **J Nerv Ment Dis** 1989 Jul;177(7):379-89 (73 ref.)

Gastropyloric ulcers related to 'crack' [letter] Abramson DL, et al. **JAMA** 1989 Aug 4;262(5):617-8

Maternal cocaine use during early pregnancy as a risk factor for congenital urogenital anomalies. Chávez GF, et al. **JAMA** 1989 Aug 11;262(6):795-8

Cocaine abuse in pregnancy [letter] Goldin K. **JAMA** 1989 Aug 11;262(6):771

Potential toxic interactions of cocaine and mazindol [letter] Iaffe JH, et al. **Lancet** 1989 Jul 8;2(8654):111

Cocaine abuse and opioid withdrawal [letter] Kosten TA, et al. **Lancet** 1989 Jul 15;2(8655):165-6

Dystonia related to cocaine withdrawal: a case report and pathogenic hypothesis. Choy-Kwong M, et al. **Neurology** 1989 Jul;39(7):996-7

Maternal cocaine use during pregnancy: effect on the newborn infant. Hadeed AJ, et al. **Pediatrics** 1989 Aug; 84(2):205-10

Chest pain and dyspnea related to "crack" cocaine smoking: value of chest radiography. Eurman DW, et al. **Radiology** 1989 Aug;172(2):459-62

Pulmonary edema in cocaine smokers. Hoffman CK, et al. **Radiology** 1989 Aug;172(2):463-5

COCCIDIA

Neutralization-sensitive epitopes are exposed on the surface of infectious Cryptosporidium parvum sporozoites. Riggs MW, et al. **J Immunol** 1989 Aug 15;143(4):1340-5

COCHLEA

Role of perilymphatic fistula in sudden hearing loss: an animal model. Oshiro EM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):491-5

Computer-aided three-dimensional reconstruction: a method of measuring temporal bone structures including the length of the cochlea. Takagi A, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):515-22

Aspirin abolishes tinnitus caused by spontaneous otoacoustic emissions. A case study. Penner MJ. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):871-5

COCHLEAR IMPLANT

Medical or surgical complications related to the nucleus multichannel cochlear implant [letter] Yurawecz J. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):574

COERCION

Boycotting pharmacies that sell tobacco products [letter] Pinsky N. **Can Med Assoc J** 1989 Jul 15;141(2):96

COFFEE

A case-control study of pancreatic cancer and cigarettes, alcohol, coffee and diet. Olsen GW, et al. **Am J Public Health** 1989 Aug;79(8):1016-9

Good going, Dr Connell! [editorial] Griffin GC. **Postgrad Med** 1989 Jul;86(1):13, 16

COGNITION

Neurofibromatosis type 1 (Recklinghausen's disease). Neurologic and cognitive assessment with sibling controls. Eldridge R, et al. **Am J Dis Child** 1989 Jul;143(7):833-7

Cognitive research improves questionnaires. Jobe JB, et al.

Am J Public Health 1989 Aug;79(8):1053–5
Cognition in myasthenia [letter] Iwasaki Y, et al. **Neurology** 1989 Jul;39(7):1002
The clinical significance of pain and cognitive activity in latent labor [letter] Turner MI, et al. **Obstet Gynecol** 1989 Aug;74(2):285–6

COGNITION DISORDERS

Sleep disturbance in cognitively impaired elderly person [letter] Leishman D, et al. **Am J Psychiatry** 1989 Aug; 146(8):1078–9
Acute postoperative confusion and hallucinations in Parkinson disease. Golden WE, et al. **Ann Intern Med** 1989 Aug 1;111(3):218–22
Very-low-birth-weight, preterm infants with or without intracranial hemorrhage. Neurologic, cognitive and cranial MRI correlations at 4–8-year follow-up. Ford LM, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):302–10
Primitive reflexes [letter] **Neurology** 1989 Jul;39(7):1001–2

COITUS

Sexual function and fertility in patients treated for posterior urethral valves. Woodhouse CR, et al. **J Urol** 1989 Aug; 142(2 Pt 2):586–8; discussion 603–5
Resurgence of heterosexually acquired early syphilis in London [letter] Tang A, et al. **Lancet** 1989 Jul 15; 2(8655):166–7

COLECTOMY

Electrical activity recorded from abdominal surface after gastrectomy or colectomy in humans. Pezzolla F, et al. **Gastroenterology** 1989 Aug;97(2):313–20
Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. Hannan EL, et al. **JAMA** 1989 Jul 28; 262(4):503–10

COLIC

Caliceal colic: fact or fiction. Fernandez JA, et al. **J Urol** 1989 Aug;142(2):257–8
Treatment of biliary colic with loxiglumide [letter] Beglinger C, et al. **Lancet** 1989 Jul 15;2(8655):167

COLITIS

Collagenous colitis and histiocytic lymphoma [letter] Edwards DB. **Ann Intern Med** 1989 Aug 1;111(3):260–1
Inflammatory mediators of experimental colitis in rats. Rachmilewitz D, et al. **Gastroenterology** 1989 Aug; 97(2):326–37
Treatment of chronic proctosigmoiditis with cyclosporin enemas [letter] Ranzi T, et al. **Lancet** 1989 Jul 8;2(8654):97

COLITIS, ULCERATIVE

Effect of folate supplementation on the incidence of dysplasia and cancer in chronic ulcerative colitis. A case-control study. Lashner BA, et al. **Gastroenterology** 1989 Aug; 97(2):255–9
Folate, dysplasia, and cancer [editorial] Rosenberg IH, et al. **Gastroenterology** 1989 Aug;97(2):502–3

COLLAGEN

Collagen synthesis by normal and fibrotic human lung fibroblasts and the effect of transforming growth factor-beta. Raghu G, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):95–100
Electrocochleographic changes in endolymphatic hydrops induced by type II collagen immunization through the stylomastoid foramen. Ohashi T, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):556–62
Parathyroid hormone-related protein modulates the effect of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):199–208
Platelet-derived growth factor enhances deoxyribonucleic acid and collagen synthesis in osteoblast-enriched cultures from fetal rat parietal bone. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):13–9
1,25-Dihydroxyvitamin D3 inhibits transcription of type I collagen genes in the rat osteosarcoma cell line ROS 17/2.8. Harrison JR, et al. **Endocrinology** 1989 Jul;125(1):327–33

COLLATERAL CIRCULATION

Portosystemic collaterals in portal hypertension: visualization by using blood-pool SPECT imaging. Kashiwagi T, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):281–5
Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421–6

COLLOIDS

An immunohistochemical study of neuroepithelial (colloid) cysts. Kondziolka D, et al. **J Neurosurg** 1989 Jul;71(1):91–7

COLON

Fatal hypersensitivity reaction during a barium enema. Feczko PJ, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):275–6
Definitive one-stage emergency large bowel surgery [letter] Jones PF, et al. **Br J Surg** 1989 May;76(5):525–6
Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine. Korman LY, et al. **Dig Dis Sci** 1989 Jul;34(7):1100–8
Structural and enzymatic changes during colonic maturation in the fetal and suckling rat. Colony PC, et al. **Gastroenterology** 1989 Aug;97(2):338–47
Cell lineage markers in premalignant and malignant colonic mucosa. Ho SB, et al. **Gastroenterology** 1989 Aug; 97(2):392–404
Electrical activity recorded from abdominal surface after gastrectomy or colectomy in humans. Pezzolla F, et al. **Gastroenterology** 1989 Aug;97(2):313–20
Folate, dysplasia, and cancer [editorial] Rosenberg IH, et al. **Gastroenterology** 1989 Aug;97(2):502–3
Estimation of phenolic conjugation by colonic mucosa. Ramakrishna BS, et al. **J Clin Pathol** 1989 Jun;42(6):620–3
A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Morton AL, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):41–5

COLONIC DISEASES

Intraperitoneal chemotherapy complicated by erosion of a Tenckhoff catheter into the colon. Holt RW, et al. **South Med J** 1989 Jul;82(7):914–6

COLONIC NEOPLASMS

Screening for colorectal cancer [letter] **Am Fam Physician** 1989 Jul;40(1):40, 42, 45 passim
Diet and fecal steroid profile in a South Asian population with a low colon-cancer rate. McKeigue PM, et al. **Am J Clin Nutr** 1989 Jul;50(1):151–4
Colon polyps in asymptomatic persons [letter] Varner DR Jr, et al. **Ann Intern Med** 1989 Jul 15;111(2):187
Plasma cholesterol, coronary heart disease, and cancer [letter] **BMJ** 1989 Apr 29;298(6681):1176
Leucine kinetics in surgical patients. II: A study of the effect of malignant disease and tumour burden. Harrison RA, et al. **Br J Surg** 1989 May;76(5):509–11
Flat early cancers of the large intestine. Kuramoto S, et al. **Cancer** 1989 Aug 15;64(4):950–5
Effect of folate supplementation on the incidence of dysplasia and cancer in chronic ulcerative colitis. A case-control study. Lashner BA, et al. **Gastroenterology** 1989 Aug; 97(2):255–9
Folate, dysplasia, and cancer [editorial] Rosenberg IH, et al. **Gastroenterology** 1989 Aug;97(2):502–3
From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 29-1989. A 79-year-old man with fever, abdominal pain, and inflamed right eye. **N Engl J Med** 1989 Jul 20;321(3):172–82

COLONIC POLYPS

Colon polyps in asymptomatic persons [letter] Varner DR Jr, et al. **Ann Intern Med** 1989 Jul 15;111(2):187
Expression of c-myc oncogene in colorectal polyps as a biological marker for monitoring malignant potential. Imaseki H, et al. **Cancer** 1989 Aug 1;64(3):704–9
Differential expression of the Lewis Y antigen defined by monoclonal antibody C14/1/46/10 in colonic polyps. Waldock A, et al. **Cancer** 1989 Jul 15;64(2):414–21
Cell lineage markers in premalignant and malignant colonic mucosa. Ho SB, et al. **Gastroenterology** 1989 Aug; 97(2):392–404
Colon polyps in the elderly: appropriate primary care follow-up. Reza FM, et al. **Geriatrics** 1989 Jul;44(7):47–51, 54
The case of the missing polyp. The primary care physician's dilemma. Varma JR, et al. **J Fam Pract** 1989 Jul;29(1):81–2

COLONOSCOPY

The case of the missing polyp. The primary care physician's dilemma. Varma JR, et al. **J Fam Pract** 1989 Jul;29(1):81–2

COLONY-STIMULATING FACTOR

GM-CSF treatment and hypokalemia [letter] Viens P, et al. **Ann Intern Med** 1989 Aug 1;111(3):263
Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. Heidenreich S, et al. **J Immunol** 1989 Aug 15; 143(4):1198–205
Enhancement of human monocyte function against Candida albicans by the colony-stimulating factors (CSF): IL-3, granulocyte-macrophage-CSF, and macrophage-CSF. Wang M, et al. **J Immunol** 1989 Jul 15;143(2):671–7
Treatment of drug-induced agranulocytosis with granulocyte-colony stimulating factor [letter] Muroi K, et al. **Lancet** 1989 Jul 1;2(8653):55

COLORECTAL NEOPLASMS

Blood transfusion in colorectal cancer. Crowson MC, et al. **Br J Surg** 1989 May;76(5):522–3
The value of immunoscintigraphy for the operative retreatment of colorectal cancer. Limitations of a new diagnostic method. Hölting T, et al. **Cancer** 1989 Aug 15; 64(4):830–3
Expression of c-myc oncogene in colorectal polyps as a biological marker for monitoring malignant potential. Imaseki H, et al. **Cancer** 1989 Aug 1;64(3):704–9
Flat early cancers of the large intestine. Kuramoto S, et al. **Cancer** 1989 Aug 15;64(4):950–5
Increased lipid peroxidation in malignant tissues of patients with colorectal cancer. Otamiri T, et al. **Cancer** 1989 Jul 15;64(2):422–5
Regional chemotherapy for hepatic metastases of colorectal carcinoma (continuous intraarterial versus continuous intraarterial/intravenous therapy). Results of a controlled clinical trial. Safi F, et al. **Cancer** 1989 Jul 15;64(2):379–87
Differential expression of the Lewis Y antigen defined by monoclonal antibody C14/1/46/10 in colonic polyps. Waldock A, et al. **Cancer** 1989 Jul 15;64(2):414–21
Cell lineage markers in premalignant and malignant colonic mucosa. Ho SB, et al. **Gastroenterology** 1989 Aug; 97(2):392–404

COLOSTOMY

Acute abdomen and shock following a hernia repair in a 75-year-old woman [clinical conference] **Am J Med** 1989 Jul;87(1):85–90
Are the risks after colostomy closure exaggerated? Livingston DH, et al. **Am J Surg** 1989 Jul;158(1):17–20

COLPOSCOPY

The role of endocervical curettage in satisfactory colposcopy. el-Dabh A, et al. **Obstet Gynecol** 1989 Aug; 74(2):159–64

COMA

Prognostic significance of early clinical manifestations in postanoxic coma: a retrospective study of 58 patients resuscitated after prehospital cardiac arrest. Bertini G, et al. **Crit Care Med** 1989 Jul;17(7):627–33
The value of the Glasgow Coma Scale and Injury Severity Score: predicting outcome in multiple trauma patients with head injury. Pal J, et al. **J Trauma** 1989 Jun;29(6):746–8
Hyperammonemic encephalopathy: a complication associated with the prune belly syndrome. Diamond DA, et al. **J Urol** 1989 Aug;142(2):361–2

COMMERCE

Cigarette sales to minors through vending machines [letter] Reed WW. **JAMA** 1989 Aug 4;262(5):614–5

COMMON BILE DUCT

Biliary tract complications in orthotopic adult liver transplantation. Wilson BJ, et al. **Am J Surg** 1989 Jul; 158(1):68–70

COMMON BILE DUCT CALCULI

Endoscopic cholangiography and stone removal prior to cholecystectomy. A more cost-effective approach than operative duct exploration? Van Stiegmann G, et al. **Arch Surg** 1989 Jul;124(7):787–9; discussion 789–90
Long-term follow-up after choledochojejunostomy for bile duct stones with complex clearance of the bile duct. Gouma DJ, et al. **Br J Surg** 1989 May;76(5):451–3
Gallstone lithotripsy with the pulsed dye laser: in vitro studies. Murray A, et al. **Br J Surg** 1989 May;76(5):457–60

COMMON BILE DUCT NEOPLASMS

Villous tumors of the ampulla of Vater: local resection versus pancreatoduodenectomy. Gray G, et al. **South Med J** 1989 Jul;82(7):917–20 (12 ref.)

COMMON COLD

Local hyperthermia benefits natural and experimental common colds. Tyrrell D, et al. **BMJ** 1989 May 13; 298(6683):1280–3

COMMUNICATION

Pictures for radiologic reports: use of a hand-held image scanner [letter] Yokoyama K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):427
How to present your research. Part I: What they didn't teach you in nursing school about planning and organizing the content of your speech. Selby ML, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):172–5
Communication problems after mammographic screening. Robertson CL, et al. **Radiology** 1989 Aug;172(2):443–4

COMMUNITY HEALTH AIDES

Health care in the United States: a course for refugee health

workers [news] Meyers AR, et al. **Am J Public Health** 1989 Aug;79(8):1051–2

COMMUNITY HEALTH NURSING

Home visiting: a necessary but not in itself sufficient program component for promoting the health and development of families and children. Chamberlin RW. **Pediatrics** 1989 Jul; 84(1):178–80

COMMUNITY HEALTH SERVICES

Well users clinic for illicit drug users [letter] Strang J, et al. **BMJ** 1989 May 13;298(6683):1310

Management of asthma in the community. **Lancet** 1989 Jul 22;2(8656):199–200 (14 ref.)

COMMUNITY MENTAL HEALTH SERVICES

Medical evaluation of psychiatric patients. I. Results in a state mental health system. Koran LM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):733–40

Improving our public mental health systems. Lamb HR. **Arch Gen Psychiatry** 1989 Aug;46(8):743–4

COMPARTMENT SYNDROMES

Early fasciotomy for acute clinically evident posttraumatic compartment syndrome. Lagerstrom CF, et al. **Am J Surg** 1989 Jul;158(1):36–9

Changes in tibial venous blood flow in the evolving compartment syndrome. Jones WG 2d, et al. **Arch Surg** 1989 Jul;124(7):801–4

Hemophilia presenting as compartment syndrome in the arm following venipuncture. A case report and review of the literature. Nixon RG, et al. **Clin Orthop** 1989 Jul; (244):176–81 (27 ref.)

COMPLEMENT

Complement-mediated phagocytosis of herpes simplex virus by granulocytes. Binding or ingestion. Van Strijp JA, et al. **J Clin Invest** 1989 Jul;84(1):107–12

Transcellular transport and membrane insertion of the C5b-9 membrane attack complex of complement by glomerular epithelial cells in experimental membranous nephropathy. Kerjaschki D, et al. **J Immunol** 1989 Jul 15;143(2):546–52

Complement-mediated hemodynamic depression in the early postburn period. Schirmer WJ, et al. **J Trauma** 1989 Jul; 29(7):932–8; discussion 938–9

COMPLEMENT 2

Successful plasma infusion treatment of a patient with C2 deficiency and systemic lupus erythematosus: clinical experience over forty-five months. Steinsson K, et al. **Arthritis Rheum** 1989 Jul;32(7):906–13

COMPLEMENT 3

Analysis of epitope expression and the functional repertoire of recombinant complement receptor 2 (CR2/CD21) in mouse and human cells. Carel JC, et al. **J Immunol** 1989 Aug 1;143(3):923–30

The difference between human C3F and C3S results from a single amino acid change from an asparagine to an aspartate residue at position 1216 on the alpha-chain of the complement component, C3. Poznansky MC, et al. **J Immunol** 1989 Aug 15;143(4):1254–8

COMPLEMENT 3B

CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. Da Silva RP, et al. **J Immunol** 1989 Jul 15; 143(2):617–22

COMPLEMENT 5

The release of C5a in complement-activated serum does not require C6. Biesecker G, et al. **J Immunol** 1989 Aug 15; 143(4):1228–32

COMPLEMENT 6

The release of C5a in complement-activated serum does not require C6. Biesecker G, et al. **J Immunol** 1989 Aug 15; 143(4):1228–32

COMPLEMENT 9

Identification of the discontinuous epitope in human complement protein C9 recognized by anti-melittin antibodies. Laine RO, et al. **J Immunol** 1989 Jul 15; 143(2):553–7

COMPLEMENT ACTIVATION

The release of C5a in complement-activated serum does not require C6. Biesecker G, et al. **J Immunol** 1989 Aug 15; 143(4):1228–32

COMPUTER GRAPHICS

Computer-aided three-dimensional reconstruction: a method of measuring temporal bone structures including the length of the cochlea. Takagi A, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):515–22

Analysis of patient response to preoperative computerized video imaging. Thomas JR, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):793–6

The development and extension of hepatohilar bile duct carcinoma. A three-dimensional tumor mapping in the intrahepatic biliary tree visualized with the aid of a graphics computer system. Suzuki M, et al. **Cancer** 1989 Aug 1; 64(3):658–66

COMPUTER SIMULATION

Monte Carlo simulation and the clinical laboratory. Connelly DP, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):750–7

COMPUTERS

In focus. Computers and the legal standard of care. Hafner AW. **Arch Ophthalmol** 1989 Jul;107(7):966

CONDIMENTS

Electrolyte content of salt-replacement seasonings. Ahern DA, et al. **J Am Diet Assoc** 1989 Jul;89(7):935–8

CONDYLOMATA ACUMINATA

Human papillomavirus DNA determination of anal condylomata, dysplasias, and squamous carcinomas with in situ hybridization. Duggan MA, et al. **Am J Clin Pathol** 1989 Jul;92(1):16–21

Is podophyllin safe for use in pregnancy? [letter] Sundharam JA. **Arch Dermatol** 1989 Jul;125(7):1000–1

CONFIDENTIALITY

AIDS laws—impractical solutions to practical problems [editorial] Aledort LM, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):11–3

The dangerous patient. Lande RG. **J Fam Pract** 1989 Jul; 29(1):74–8

Mandatory reporting of human immunodeficiency virus testing would deter blacks and Hispanics from being tested [letter] Fordyce EJ, et al. **JAMA** 1989 Jul 21;262(3):349

CONGRESSES

After Montreal, international AIDS conferences will never be the same. Hale J. **Can Med Assoc J** 1989 Jul 15; 141(2):144–6

700 genes mapped at world workshop [news] Merz B. **JAMA** 1989 Jul 14;262(2):175

CONJUNCTIVA

Conjunctival deposition of eosinophil granule major basic protein in vernal keratoconjunctivitis and contact lens-associated giant papillary conjunctivitis. Trocme SD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):57–63

Hyperproliferation of conjunctival fibroblasts from patients with cicatricial pemphigoid. Roat MI, et al. **Arch Ophthalmol** 1989 Jul;107(7):1064–7

CONJUNCTIVITIS, ALLERGIC

Conjunctival deposition of eosinophil granule major basic protein in vernal keratoconjunctivitis and contact lens-associated giant papillary conjunctivitis. Trocme SD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):57–63

CONNECTIVE TISSUE DISEASES

Lymphocytic infiltrates and epithelial HLA-DR expression in lip salivary glands in connective tissue disease patients lacking sicca: a prospective study. Lindahl G, et al. **Br J Rheumatol** 1989 Aug;28(4):293–8

Association of mitral valve prolapse and systemic abnormalities of connective tissue. A phenotypic continuum. Glesby MJ, et al. **JAMA** 1989 Jul 28; 262(4):523–8

CONSTIPATION

Chronic intestinal pseudo-obstruction [letter] Sadjadpour K. **Mayo Clin Proc** 1989 Jun;64(6):728

CONSTRICTION, PATHOLOGIC

Coarctation of the abdominal aorta and stenosis of the left renal artery with hypertension caused by fibrodysplasia. Vuong PN, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):809–11

CONSUMER PARTICIPATION

Aedes aegypti and Aedes aegypti-borne disease control in the 1990s: top down or bottom up. Charles Franklin Craig Lecture. Gubler DJ. **Am J Trop Med Hyg** 1989 Jun; 40(6):571–8

CONSUMER SATISFACTION

Satisfaction data: patient perception is reality. Koska MT. **Hospitals** 1989 Jul 5;63(13):40

CONTACT LENSES

Microbial analysis of contact lens care systems contaminated with Acanthamoeba. Donzis PB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):53–6

Ulcerative keratitis associated with contact lens wear. Koidou-Tsiligianni A, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):64–7

Conjunctival deposition of eosinophil granule major basic protein in vernal keratoconjunctivitis and contact lens-associated giant papillary conjunctivitis. Trocme SD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):57–63

CONTACT LENSES, EXTENDED-WEAR

The Food and Drug Administration is requesting manufacturers of cosmetic extended-wear soft contact lenses to indicate a recommended wearing time in the product labeling [news] Villforth JC. **Arch Ophthalmol** 1989 Jul;107(7):969

CONTRACEPTIVE DEVICES, FEMALE

Effectiveness of the cavity-rim cervical cap: results of a large clinical study. Richwald GA, et al. **Obstet Gynecol** 1989 Aug;74(2):143–8

CONTRACEPTIVE DEVICES, MALE

Condoms and safe sex [letter] McLain AD. **J Clin Pathol** 1989 Jun;42(6):670

CONTRACEPTIVES, ORAL

Oral contraceptives and breast cancer [letter] **JAMA** 1989 Jul 14;262(2):206–7

Oral contraceptives and breast cancer [letter] Pike MC, et al. **Lancet** 1989 Jul 15;2(8655):158

Oral contraceptives and breast cancer [letter] Powles TJ. **Lancet** 1989 Jul 8;2(8654):97–8

Oral contraceptives, tobacco smoking, and breast cancer risk [letter] Trichopoulos D, et al. **Lancet** 1989 Jul 15; 2(8655):158

CONTRACEPTIVES, ORAL, COMBINED

The contraceptive pill and breast cancer in young women. Drife JO. **BMJ** 1989 May 13;298(6683):1269–70 (19 ref.)

CONTRACEPTIVES, ORAL, HORMONAL

Prospective study of exogenous hormone use and breast cancer in Seventh-day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):591–7

CONTRACTURE

Juvenile hyaline fibromatosis. A case report and review of musculoskeletal manifestations. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):941–4 (26 ref.)

CONTRAST MEDIA

Acute treatment after accidental intrathecal injection of hypertonic contrast media [letter] Tartiere J, et al. **Anesthesiology** 1989 Jul;71(1):169

Contrast nephrotoxicity [letter] **N Engl J Med** 1989 Aug 10; 321(6):395–7

Peritoneal reaction resulting from iodinated contrast material: comparative study. Eisenberg AD, et al. **Radiology** 1989 Jul;172(1):149–51

Differing mechanisms of clotting inhibition by ionic and nonionic contrast agents. Ing JJ, et al. **Radiology** 1989 Aug; 172(2):345–8

Persistent CT nephrogram: significance in the diagnosis of contrast nephropathy. Love L, et al. **Radiology** 1989 Jul; 172(1):125–9

Renal papillary blushes and nonionic contrast agents [letter] Whitehouse RW. **Radiology** 1989 Aug;172(2):581

CONTUSIONS

Myocardial contusion. When can the diagnosis be eliminated? Miller FB, et al. **Arch Surg** 1989 Jul;124(7):805–7; discussion 807–8

CONVERSION DISORDER

Posttraumatic stress and conversion disorders in a Laotian refugee veteran: use of amobarbital interviews. Freimer N, et al. **J Nerv Ment Dis** 1989 Jul;177(7):432–3

CONVULSIONS

Naloxone hazard in infant of opioid abuser [letter] Gibbs J,

et al. **Lancet** 1989 Jul 15;2(8655):159–60

COPPER

Wilson's disease patients can be decoppered [letter] Walshe JM. **Lancet** 1989 Jul 22;2(8656):228

CORNEA

Penetrating keratoplasty and intraocular lens exchange for pseudophakic bullous keratopathy associated with a closed-loop anterior chamber intraocular lens. Koenig SB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):43–8

Corneal compression sutures for the reduction of astigmatism after penetrating keratoplasty. Limberg MB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):36–42

Ocular findings in arteriohepatic dysplasia (Alagille's syndrome). Raymond WR, et al. **Arch Ophthalmol** 1989 Jul;107(7):1077

Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Sieck EA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1023–4

Fibronectin does not enhance epidermal growth factor-mediated acceleration of corneal epithelial wound closure. Soong HK, et al. **Arch Ophthalmol** 1989 Jul; 107(7):1052–4

CORNEAL DISEASES

Penetrating keratoplasty and intraocular lens exchange for pseudophakic bullous keratopathy associated with a closed-loop anterior chamber intraocular lens. Koenig SB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):43–8

Ocular findings in arteriohepatic dysplasia (Alagille's syndrome). Raymond WR, et al. **Arch Ophthalmol** 1989 Jul;107(7):1077

CORNEAL ULCER

Ulcerative keratitis associated with contact lens wear. Koidou-Tsiligianni A, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):64–7

CORONARY ANEURYSM

Coronary artery aneurysms: a transesophageal echocardiographic study. Tunick PA, et al. **Am Heart J** 1989 Jul;118(1):176–9

CORONARY ARTERIOSCLEROSIS

Rapidly progressive atherosclerosis in aortocoronary saphenous vein grafts. Possible immune-mediated disease. Ratliff NB, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):772–6

Stiffness of systemic arteries in patients with myocardial infarction. A noninvasive method to predict severity of coronary atherosclerosis. Hirai T, et al. **Circulation** 1989 Jul;80(1):78–86

CORONARY CIRCULATION

Effects of ionic and nonionic contrast media on coronary diameter and blood flow in chronically instrumented dogs. Egashira S, et al. **Am Heart J** 1989 Jul;118(1):39–46

Papaverine-induced chest pain due to coronary vascular steal: demonstration with angiographic and intracoronary flow velocity measurements. Gudipati CV, et al. **Am Heart J** 1989 Aug;118(2):404–7

Role of myocardial oxygen consumption in dipyridamole-induced ischemia. Picano E, et al. **Am Heart J** 1989 Aug;118(2):314–9

Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Berman DS, et al. **Am J Cardiol** 1989 Jul 18;64(4):9B–16B

Thrombin is an important mediator of platelet aggregation in stenosed canine coronary arteries with endothelial injury. Eidt JF, et al. **J Clin Invest** 1989 Jul;84(1):18–27

Complete reversibility of physiological coronary vascular abnormalities in hypertrophied hearts produced by pressure overload in the rat. Isoyama S, et al. **J Clin Invest** 1989 Jul;84(1):288–94

Studies on prolonged acute regional ischemia. I. Evidence for preserved cellular viability after 6 hours of coronary occlusion. Beyersdorf F, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):112–26

CORONARY DISEASE

The function of the aorta in ischemic heart disease: a magnetic resonance and angiographic study of aortic compliance and blood flow patterns. Bogren HG, et al. **Am Heart J** 1989 Aug;118(2):234–47

Comparison of coronary angioplasty with medical treatment for single- and double-vessel coronary disease with left anterior descending coronary involvement: long-term outcome based on an Emory-CASS registry study. Ellis SG, et al. **Am Heart J** 1989 Aug;118(2):208–20

Prostaglandin E1 attenuates postischemic contractile dysfunction after brief coronary occlusion and reperfusion. Farber NE, et al. **Am Heart J** 1989 Jul;118(1):17–24

Influence of drug therapy on the ischemic response to acute coronary occlusion in man: supply-side economics. Kern MJ, et al. **Am Heart J** 1989 Aug;118(2):361–80 (109 ref.)

The duration of ST segment depression as an indicator of the pathophysiology of myocardial ischemia [editorial] Kong B, et al. **Am Heart J** 1989 Jul;118(1):195–7

Transient left ventricular dysfunction during provocative mental stress in patients with coronary artery disease. LaVeau PJ, et al. **Am Heart J** 1989 Jul;118(1):1–8

Antianginal and cardiac metabolic effects of low-dose glucose infusion during pacing in patients with and without coronary artery disease. Thomassen A, et al. **Am Heart J** 1989 Jul;118(1):25–32

Survival patterns in clinical and angiographic subsets of medically treated patients with combined proximal left anterior descending and proximal left circumflex coronary artery disease (CASS). Zack PM, et al. **Am Heart J** 1989 Aug;118(2):220–7

Correlation of ischemic ST-segment depression on the resting electrocardiogram with new cardiac events in 1,106 patients over 62 years of age. Aronow WS. **Am J Cardiol** 1989 Jul 15;64(3):232–3

Prognostic significance of silent myocardial ischemia detected by early treadmill exercise after coronary angioplasty. Deligonul U, et al. **Am J Cardiol** 1989 Jul 1; 64(1):1–5

A comparison of amplitude-modulated and frequency-modulated ambulatory monitoring systems. Hinderliter AL, et al. **Am J Cardiol** 1989 Jul 1;64(1):76–80

Doppler echocardiographic measurement of low velocity motion of the left ventricular posterior wall. Isaaz K, et al. **Am J Cardiol** 1989 Jul 1;64(1):66–75

Early detection of myocardial ischemia by myocardial free fatty acid extraction in patients with exercise-induced angina pectoris. Kamihara S, et al. **Am J Cardiol** 1989 Jul 15;64(3):180–5

Intraventricular conduction delay in acute right ventricular ischemia. Kataoka H, et al. **Am J Cardiol** 1989 Jul 1; 64(1):94–5

Comparative evaluation of coronary stenoses using fluid dynamic equations and standard quantitative coronary arteriography. Kimball BP, et al. **Am J Cardiol** 1989 Jul 1;64(1):6–10

Magnum wire for balloon recanalization of chronic total coronary occlusions. Meier B, et al. **Am J Cardiol** 1989 Jul 15;64(3):148–54

Atherectomy of the left main coronary artery with percutaneous cardiopulmonary bypass support. Muller DW, et al. **Am J Cardiol** 1989 Jul 1;64(1):114–6

Left main coronary angioplasty: early and late results of 127 acute and elective procedures. O'Keefe JH Jr, et al. **Am J Cardiol** 1989 Jul 15;64(3):144–7

Long-term variability of angina pectoris and electrocardiographic signs of ischemia in syndrome X. Pupita G, et al. **Am J Cardiol** 1989 Jul 15;64(3):139–43

Coronary artery thermal damage during percutaneous "hot tip" laser-assisted angioplasty. Rosenthal E, et al. **Am J Cardiol** 1989 Jul 1;64(1):116–20

Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Stein B, et al. **Am J Cardiol** 1989 Jul 18;64(4):33B–40B (51 ref.)

Sex hormones and lipoproteins in men. Kiel DP, et al. **Am J Med** 1989 Jul;87(1):35–9

Halothane, but not isoflurane or enflurane, protects against spontaneous and epinephrine-exacerbated acute thrombus formation in stenosed dog coronary arteries. Bertha BG, et al. **Anesthesiology** 1989 Jul;71(1):96–102

Severe intraoperative myocardial ischemia following manipulation of the heart in a patient undergoing esophagogastrectomy. Hyduke JF, et al. **Anesthesiology** 1989 Jul;71(1):154–8

Prognostic importance of postbypass regional wall-motion abnormalities in patients undergoing coronary artery bypass graft surgery. SPI Research Group. Leung JM, et al. **Anesthesiology** 1989 Jul;71(1):16–25

Abnormalities in myocardial segmental wall motion during lumbar epidural anesthesia. Saada M, et al. **Anesthesiology** 1989 Jul;71(1):26–32

Cardiac rehabilitation services and risk reduction [letter] Downing J. **Ann Intern Med** 1989 Aug 1;111(3):258–9

Sudden death in incomplete Kawasaki disease [letter] Loubser MD, et al. **Arch Dis Child** 1989 Apr;64(4):637–8

Rehabilitation of the coronary patient in 1989. Wenger NK, et al. **Arch Intern Med** 1989 Jul;149(7):1504–6

Cardiogenic brain embolism. The second report of the Cerebral Embolism Task Force. **Arch Neurol** 1989 Jul; 46(7):727–43 (303 ref.)

Petrified cardiac myxoma masquerading as organized atrial mural thrombus. Lie JT. **Arch Pathol Lab Med** 1989 Jul; 113(7):742–5

Non-insulin dependent diabetes and ischaemic heart disease [letter] Jarret RJ. **BMJ** 1989 May 13;298(6683):1311

Proceedings of the British Cardiac Society. 68th annual general meeting. Oxford, 6–7 April 1989. Abstracts. **Br Heart J** 1989 May;61(5):435–82

Successful and unsuccessful coronary thrombolysis. Davies MJ. **Br Heart J** 1989 May;61(5):381–4 (28 ref.)

Cineangiographic and pathological features of the infarct related vessel in successful and unsuccessful thrombolysis. Onodera T, et al. **Br Heart J** 1989 May;61(5):385–9

Short- and long-term complications of coronary angioplasty [clinical conference] Lange RA, et al. **Chest** 1989 Jul; 96(1):151–7 (30 ref.)

Intracoronary thrombus and complex morphology in unstable angina. Relation to timing of angiography and in-hospital cardiac events. Freeman MR, et al. **Circulation** 1989 Jul; 80(1):17–23

Exercise-induced ST depression in the diagnosis of coronary artery disease. A meta-analysis. Gianrossi R, et al. **Circulation** 1989 Jul;80(1):87–98 (171 ref.)

Detection of diseased coronary artery by exercise ST-T maps in patients with effort angina pectoris, single-vessel disease, and normal ST-T wave on electrocardiogram at rest. Kubota I, et al. **Circulation** 1989 Jul;80(1):120–7

Specific platelet mediators and unstable coronary artery lesions. Experimental evidence and potential clinical implications. Willerson JT, et al. **Circulation** 1989 Jul; 80(1):198–205 (42 ref.)

PTCA in the elderly: results and expectations. Mills TJ, et al. **Geriatrics** 1989 Jul;44(7):71–2, 77–9 (11 ref.)

Ventricular arrhythmias and local electrograms after chronic regional denervation of the ischemic area in the pig heart. Cinca J, et al. **J Am Coll Cardiol** 1989 Jul;14(1):225–32

Cardioprotective effects of various class I antiarrhythmic drugs in canine hearts. Hanaki Y, et al. **J Am Coll Cardiol** 1989 Jul;14(1):219–24

Coronary artery to right ventricle fistula in heart transplant recipients: a complication of endomyocardial biopsy. Henzlova MJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):258–61

Use of electrophysiologic testing in patients with nonsustained ventricular tachycardia: prognostic and therapeutic implications. Klein RC, et al. **J Am Coll Cardiol** 1989 Jul;14(1):155–61; discussion 162–3

Risk factors for cardiovascular disease and death: a clinical perspective. McIntosh HD. **J Am Coll Cardiol** 1989 Jul; 14(1):24–30 (36 ref.)

Thrombin is an important mediator of platelet aggregation in stenosed canine coronary arteries with endothelial injury. Eidt JF, et al. **J Clin Invest** 1989 Jul;84(1):18–27

Sequential mammary grafting. Clinical, functional, and angiographic assessment 6 months postoperatively in 231 consecutive patients. Dion R, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):80–8; discussion 88–9

Surgical repair of stenotic ostial lesions of the left main coronary artery. Sullivan JA, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):33–6

Dietary cholesterol and heart disease [letter] **Lancet** 1989 Jul 8;2(8654):110–1

Blood cholesterol measurement in the prevention of coronary heart disease. **Lancet** 1989 Jul 8;2(8654):115–6 (0 ref.)

Heart disease in Tibet [letter] Cheng TO. **Lancet** 1989 Jul 15;2(8655):163

Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1–7

Randomised trial of fish oil for prevention of restenosis after coronary angioplasty. Reis GJ, et al. **Lancet** 1989 Jul 22; 2(8656):177–81

Positron emission tomography—the promise of metabolic imaging. Forstrom LA. **Mayo Clin Proc** 1989 Jun; 64(6):720–4 (31 ref.)

Sudden cardiac death without warning. Possible mechanisms and implications for screening asymptomatic populations. Epstein SE, et al. **N Engl J Med** 1989 Aug 3;321(5):320–4

Aspirin in the prevention of coronary disease [editorial; comment] Fuster V, et al. **N Engl J Med** 1989 Jul 20; 321(3):183–5. **Comment on:** N Engl J Med 1989 Jul 20;321(3):129–35

Type A behavior and outcome of coronary disease [letter] Ragland DR. **N Engl J Med** 1989 Aug 10;321(6):394

Family history evaluation as a predictive screen for childhood hypercholesterolemia. Pediatric Practice Research Group. Griffin TC, et al. **Pediatrics** 1989 Aug; 84(2):365–73

Preoperative evaluation and management of coronary and carotid artery occlusive disease in patients with abdominal aortic aneurysms. Graor RA. **Surg Clin North Am** 1989 Aug;69(4):737–43 (21 ref.)

CORONARY VASOSPASM

Short- and long-term complications of coronary angioplasty [clinical conference] Lange RA, et al. **Chest** 1989 Jul; 96(1):151–7 (30 ref.)

Endothelium-derived relaxing factor and coronary vasospasm. Vanhoutte PM, et al. **Circulation** 1989 Jul; 80(1):1–9 (94 ref.)

Increased plasma fibrinopeptide A levels during attacks induced by hyperventilation in patients with coronary vasospastic angina. Oshima S, et al. **J Am Coll Cardiol** 1989 Jul;14(1):150–4

CORONARY VESSEL ANOMALIES

Anomalous right coronary artery from the pulmonary artery presenting with angina and aneurysmal left ventricular dilatation. Mahdyoon H, et al. **Am Heart J** 1989 Jul; 118(1):182–4

Left coronary artery-to-pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Moises VA, et al. **Am Heart J** 1989

Aug;118(2):407–10
Left subclavian–left coronary artery anastomosis for anomalous origin of the left coronary artery. Long–term follow–up. Kesler KA, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):25–9
Anomalous origin of the left coronary artery from the pulmonary trunk. Anatomic findings in relation to pathophysiology and surgical repair. Smith A, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):16–24
Atresia of the coronary sinus orifice. Fatal outcome after intraoperative division of the drainage left superior vena cava. Yokota M, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):30–2

CORONARY VESSELS

Diastolic segmental compression of saphenous vein bypass graft. Chokshi SK, et al. **Am Heart J** 1989 Aug; 118(2):402–4
Effects of ionic and nonionic contrast media on coronary diameter and blood flow in chronically instrumented dogs. Egashira S, et al. **Am Heart J** 1989 Jul;118(1):39–46
Papaverine–induced chest pain due to coronary vascular steal: demonstration with angiographic and intracoronary flow velocity measurements. Gudipati CV, et al. **Am Heart J** 1989 Aug;118(2):404–7
Intravascular delivery of laser energy with metal–capped optical fibers: the potential hazard of distal embolism. Keogh BE, et al. **Am Heart J** 1989 Jul;118(1):47–53
Left coronary artery–to–pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Moises VA, et al. **Am Heart J** 1989 Aug;118(2):407–10
Coronary microvascular narrowing in acute murine coxsackie B3 myocarditis. Silver MA, et al. **Am Heart J** 1989 Jul;118(1):173–4
The intima of human coronary arteries. Sims FH, et al. **Am Heart J** 1989 Jul;118(1):32–8
Exercise–induced ischemia in the streptokinase–reperfused myocardium: relationship to extent of salvaged myocardium and degree of residual coronary stenosis. Weiss AT, et al. **Am Heart J** 1989 Jul;118(1):9–16
Survival patterns in clinical and angiographic subsets of medically treated patients with combined proximal left anterior descending and proximal left circumflex coronary artery disease (CASS). Zack PM, et al. **Am Heart J** 1989 Aug;118(2):220–7
Coronary morphology in unstable angina [letter] Ambrose JA. **Am J Cardiol** 1989 Jul 15;64(3):256
Comparative evaluation of coronary stenoses using fluid dynamic equations and standard quantitative coronary arteriography. Kimball BP, et al. **Am J Cardiol** 1989 Jul 1;64(1):6–10
Atherectomy of the left main coronary artery with percutaneous cardiopulmonary bypass support. Muller DW, et al. **Am J Cardiol** 1989 Jul 1;64(1):114–6
In vivo assessment of a digital angiographic method to measure absolute coronary artery diameters. Popma JJ, et al. **Am J Cardiol** 1989 Jul 15;64(3):131–8
Coronary artery thermal damage during percutaneous "hot tip" laser–assisted angioplasty. Rosenthal E, et al. **Am J Cardiol** 1989 Jul 1;64(1):116–20
Superior efficacy of propranolol versus nifedipine in double–component angina, as related to different influences on coronary vasomotility. DeCesare N, et al. **Am J Med** 1989 Jul;87(1):15–21
Pathological changes after intravenous streptokinase treatment in eight patients with acute myocardial infarction. Richardson SG, et al. **Br Heart J** 1989 May; 61(5):390–5
Short– and long–term complications of coronary angioplasty [clinical conference] Lange RA, et al. **Chest** 1989 Jul; 96(1):151–7 (30 ref.)
Distribution of extracellular potassium and electrophysiologic changes during two–stage coronary ligation in the isolated, perfused canine heart. Coronel R, et al. **Circulation** 1989 Jul;80(1):165–77
Thrombin is an important mediator of platelet aggregation in stenosed canine coronary arteries with endothelial injury. Eidt JF, et al. **J Clin Invest** 1989 Jul;84(1):18–27
Total retroperfusion of the coronary arteries and veins [letter] Pearl W, et al. **Lancet** 1989 Jul 15;2(8655):172

CORONERS AND MEDICAL EXAMINERS

Physicians investigated for inappropriate prescribing by the Oregon Board of Medical Examiners. Kofoed L, et al. **West J Med** 1989 May;150(5):597–601

CORPUS CALLOSUM

Human callosal function: MRI–verified neuropsychological functions. Gazzaniga MS, et al. **Neurology** 1989 Jul; 39(7):942–6

CORPUS LUTEUM

The antigonadotropic action of prostaglandin F2 alpha is not mediated by elevated cytosolic calcium levels in rat luteal cells. Pepperell JR, et al. **Endocrinology** 1989 Jul; 125(1):144–51

CORTICOSTERONE

Fluorimetric method for simultaneous estimation of cortisol, corticosterone, and testosterone in plasma. Mattingly D, et al. **J Clin Pathol** 1989 Jun;42(6):661–6

CORTICOTROPIN RELEASING HORMONE

Hypoglycemia enhances turnover of corticotropin–releasing factor and of vasopressin in the zona externa of the rat median eminence. Berkenbosch F, et al. **Endocrinology** 1989 Jul;125(1):28–34
Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. **Endocrinology** 1989 Jul;125(1):308–13

COST CONTROL

Cost containment: informing patients [letter] Oreopoulos DG. **Can Med Assoc J** 1989 Jul 15;141(2):96

COUGH

Sensitivity of the human cough reflex: effect of inflammatory mediators prostaglandin E2, bradykinin, and histamine. Choudry NB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):137–41
The cough response to ultrasonically nebulized distilled water in heart–lung transplantation patients. Higenbottam T, et al. **Am Rev Respir Dis** 1989 Jul;140(1):58–61
Differences in acoustic and dynamic characteristics of spontaneous cough in pulmonary diseases. Piirilä P, et al. **Chest** 1989 Jul;96(1):46–53

COUNSELING

A four–year career and residency advising program. Pethtel L. **Acad Med** 1989 Jul;64(7):417
Smoking cessation counseling during periodic health examinations. Bronson DL, et al. **Arch Intern Med** 1989 Jul;149(7):1653–6

COXSACKIEVIRUS INFECTIONS

Coronary microvascular narrowing in acute murine coxsackie B3 myocarditis. Silver MA, et al. **Am Heart J** 1989 Jul;118(1):173–4

CRANIAL NERVE DISEASES

Cranial nerve deficit: a clue to the diagnosis of ethylene glycol poisoning. Palmer BF, et al. **Am J Med** 1989 Jul; 87(1):91–2

CRANIAL NERVE NEOPLASMS

Orbital optic nerve glioma in adult life. Wulc AE, et al. **Arch Ophthalmol** 1989 Jul;107(7):1013–6
Optic nerve sheath meningioma [letter] Kupersmith MJ, et al. **J Neurosurg** 1989 Aug;71(2):305
Neurofibromatosis types 1 and 2: cranial MR findings. Aoki S, et al. **Radiology** 1989 Aug;172(2):527–34

CRANIOSYNOSTOSES

Craniosynostosis in the Talmud. Shapiro R. **Radiology** 1989 Jul;172(1):230

CREATINE KINASE ISOENZYMES

A physiologically based model of creatine kinase–MB release in reperfusion of acute myocardial infarction. Ong L, et al. **Am J Cardiol** 1989 Jul 1;64(1):11–5
Prognostic value of creatine kinase BB–isoenzyme in high risk newborn infants. Ruth VJ. **Arch Dis Child** 1989 Apr; 64(4):563–8
Neurological outcome after out–of–hospital cardiac arrest. Prediction by cerebrospinal fluid enzyme analysis. Roine RO, et al. **Arch Neurol** 1989 Jul;46(7):753–6
Improved outcome prediction based on CSF extrapolated creatine kinase BB isoenzyme activity and other risk factors in severe head injury. Hans P, et al. **J Neurosurg** 1989 Jul; 71(1):54–8

CREATININE

Myocardial protection during ischemia by prior feeding with the creatine analog: cyclocreatine. Jacobstein MD, et al. **J Am Coll Cardiol** 1989 Jul;14(1):246–51

CRIME

Child abduction. Parent and child functioning following return. Forehand R, et al. **Clin Pediatr (Phila)** 1989 Jul; 28(7):311–6
Congress puts pressure on scientists to deal with difficult questions of research integrity [news] Marwick C. **JAMA** 1989 Aug 11;262(6):734–5

CRISIS INTERVENTION

U.S. science policy: from crisis management to long–term public good [editorial] Nagle D. **Endocrinology** 1989 Jul; 125(1):1–2

CRITICAL CARE

Intensive care in the United Kingdom: report from the King's Fund panel. **Anaesthesia** 1989 May;44(5):428–31
Reversible impairment of gonadotropin secretion in critical illness. Observations in postmenopausal women. Gebhart SS, et al. **Arch Intern Med** 1989 Jul;149(7):1637–41
The outcome index. A method of quality assurance in the special care area. McFee AS, et al. **Arch Surg** 1989 Jul; 124(7):825–9
Nutritional support in the critical care setting (Part 1). Berger R, et al. **Chest** 1989 Jul;96(1):139–50 (223 ref.)
Effect on ICU mortality of a full–time critical care specialist. Brown JJ, et al. **Chest** 1989 Jul;96(1):127–9
Timing of tracheostomy in the critically ill patient. Marsh HM, et al. **Chest** 1989 Jul;96(1):190–3
Cost and survival results of critical care regionalization for Medicare patients. Crippen DW, et al. **Crit Care Med** 1989 Jul;17(7):601–6
Cardiopulmonary effects of Intralipid infusion in critically ill patients [letter] Isenstein DA. **Crit Care Med** 1989 Jul; 17(7):710
First American Board of Internal Medicine critical care examination: process and results. Norcini JJ, et al. **Crit Care Med** 1989 Jul;17(7):695–8
Day–to–day variability of energy expenditure in critically ill surgical patients. Vermeij CG, et al. **Crit Care Med** 1989 Jul;17(7):623–6
Touch: a nursing strategy in the intensive care unit. Estabrooks CA. **Heart Lung** 1989 Jul;18(4):392–401
When did "do not resuscitate" mean "do not care"? Fowler MD. **Heart Lung** 1989 Jul;18(4):424–5
Critical care units [letter] Robinson K. **Heart Lung** 1989 Jul; 18(4):430
American Association of Critical–Care Nurses demonstration project: patients' recollections of critical care. Simpson TF, et al. **Heart Lung** 1989 Jul;18(4):325–32
Caring makes the difference. White SK. **Heart Lung** 1989 Jul;18(4):25A–26A, 29A

CROHN DISEASE

Cardiac valvular dysfunction associated with Crohn's disease in the absence of ankylosing spondylitis. Burdick S, et al. **Am Heart J** 1989 Jul;118(1):174–6
Bone disease in vitamin D–deficient patients with Crohn's disease. Vogelsang H, et al. **Dig Dis Sci** 1989 Jul; 34(7):1094–9
Crohn's disease, sulfasalazine, and mycobacteria. Van Caekenberghe D. **J Lab Clin Med** 1989 Jul;114(1):63–5
Effect of perioperative blood transfusion on recurrence of Crohn's disease. Williams JG, et al. **Lancet** 1989 Jul 15; 2(8655):131–3
Pediatric crohn's disease [letter] Cummins L. **West J Med** 1989 May;150(5):589

CROSS–CULTURAL COMPARISON

Cross–cultural studies of dementia. A comparison of mini–mental state examination performance in Finland and China. Salmon DP, et al. **Arch Neurol** 1989 Jul;46(7):769–72

CROSS INFECTION

Outbreaks of salmonella infection in hospitals in England and Wales 1978–87. Joseph CA, et al. **BMJ** 1989 Apr 29; 298(6681):1161–4
Nosocomial legionnaires disease in a children's hospital. Brady MT. **J Pediatr** 1989 Jul;115(1):46–50
Handwashing and horizontal spread of viruses [letter] Watts GT. **Lancet** 1989 Jul 22;2(8656):218
Nosocomial Clostridium difficile infections [letter] Cimino JJ. **N Engl J Med** 1989 Jul 20;321(3):190
Bacterial colonization of intravenous catheter materials in vitro and in vivo. Gilsdorf JR, et al. **Surgery** 1989 Jul; 106(1):37–44

CRUSTACEA

Débriding properties of krill enzymes in necrotic leg ulcers [letter] Hellgren L, et al. **Arch Dermatol** 1989 Jul; 125(7):1006

CRYOGLOBULINS

IgG3 is the major source of cryoglobulins in mice. Abdelmoula M, et al. **J Immunol** 1989 Jul 15;143(2):526–32

CRYOSURGERY

Rhegmatogenous retinal detachment following cryotherapy in retinopathy of prematurity. Greven CM, et al. **Arch Ophthalmol** 1989 Jul;107(7):1017–8

CRYPTOCOCCOSIS

Persistent Cryptococcus neoformans infection of the prostate after successful treatment of meningitis. California Collaborative Treatment Group. Larsen RA, et al. **Ann Intern Med** 1989 Jul 15;111(2):125–8
Nonhealing ulceration of oral mucosa. Dodson TB, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):849–52

CRYPTORCHISM

Orchiopexy: an experimental study of the effect of surgical technique on testicular histology. Bellinger MF, et al. **J Urol** 1989 Aug;142(2 Pt 2):553–5; discussion 572
Cryptorchidism, orchiopexy and infertility: a critical long-term retrospective analysis. Cendron M, et al. **J Urol** 1989 Aug;142(2 Pt 2):559–62; discussion 572
Significance of epididymal and ductal anomalies associated with testicular maldescent. Gill B, et al. **J Urol** 1989 Aug; 142(2 Pt 2):556–8; discussion 572
Postnatal testicular maldevelopment in unilateral cryptorchidism. Huff DS, et al. **J Urol** 1989 Aug;142(2 Pt 2):546–8; discussion 572
Recovery of testicular blood flow following ligation of testicular vessels. Pascual JA, et al. **J Urol** 1989 Aug;142(2 Pt 2):549–52; discussion 572
Histologic analysis of orchiopexy in a cryptorchid rabbit model. Pryor JL, et al. **J Urol** 1989 Aug;142(2):413–7
Hernia and hydrocele in cryptorchidism [letter] Brereton RJ. **Lancet** 1989 Jul 15;2(8655):172

CULTURE

DNA and the duomo: reflections on the two cultures. Weissmann G. **Hosp Pract [Off]** 1989 Jul 15;24(7):121, 124, 127–8 passim
Cultural relativism and psychiatric illness. Fabrega H Jr. **J Nerv Ment Dis** 1989 Jul;177(7):415–25; discussion 426–30 (120 ref.)

CURARE-LIKE AGENTS

Comparison of tracheal intubating conditions and neuromuscular blocking profiles after intubating doses of mivacurium chloride or succinylcholine in surgical outpatients. Goldberg ME, et al. **Anesth Analg** 1989 Jul; 69(1):959–65

CURETTAGE

The role of endocervical curettage in satisfactory colposcopy. el-Dabh A, et al. **Obstet Gynecol** 1989 Aug; 74(2):159–64

CURRICULUM

Scheduling algorithm for electives [letter] Block FE, et al. **Acad Med** 1989 Jul;64(7):391
Recommended core educational guidelines on nutrition for family practice residents. **Am Fam Physician** 1989 Jul; 40(1):265–6
MCAT responds to changes in medical education and physician practice. Swanson A, et al. **JAMA** 1989 Jul 14; 262(2):261–3
Economics for medical students [editorial] **Lancet** 1989 Jul 22;2(8656):200
Why not base clinical education in general practice? Oswald N. **Lancet** 1989 Jul 15;2(8655):148–9
Can caring behavior be taught? Forsyth D, et al. **Nurs Outlook** 1989 Jul–Aug;37(4):164–6
Legal content in the nursing curriculum: what students need and how to provide it. Northrop CE. **Nurs Outlook** 1989 Jul–Aug;37(4):200

CUSHING'S SYNDROME

Primary adrenal causes of Cushing's syndrome. Diagnosis and surgical management. Perry RR, et al. **Ann Surg** 1989 Jul;210(1):59–68
Cushing's syndrome. Diagnosis of the atypical patient [editorial] Grizzle WE, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):727–8
Spurious elevation of plasma immunoreactive adrenocorticotropic hormone in cyclic Cushing's syndrome. Wickus GG, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):797–9
Cushing syndrome due to primary pigmented nodular adrenocortical disease: findings at CT and MR imaging. Doppman JL, et al. **Radiology** 1989 Aug;172(2):415–20
Surgical management of Cushing's syndrome. Bloom LS, et al. **Urol Clin North Am** 1989 Aug;16(3):547–65 (40 ref.)
Transsphenoidal pituitary surgery in the treatment of patients with Cushing's disease. Freidberg SR. **Urol Clin North Am** 1989 Aug;16(3):589–95 (51 ref.)
Cushing's syndrome. Sheeler LR. **Urol Clin North Am** 1989 Aug;16(3):447–55 (71 ref.)

CYANATES

Long-term effects of methyl isocyanate [letter] Mangla B. **Lancet** 1989 Jul 8;2(8654):103

CYANOACRYLATES

The Nd:YAG laser removal of cyanoacrylate used to repair conjunctival wound leaks. Martinez LA, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):86–7

CYCLOHEXANECARBOXYLIC ACIDS

Effects of fibrinolytic inhibitors on mortality from upper gastrointestinal haemorrhage. Henry DA, et al. **BMJ** 1989 Apr 29;298(6681):1142–6
Tranexamic acid for control of haemorrhage in acute promyelocytic leukaemia. Avvisati G, et al. **Lancet** 1989 Jul 15;2(8655):122–4

CYCLOHEXIMIDE

The enhancing effect of adrenocorticotropin on adrenal 3-hydroxy-3-methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Lehoux JG, et al. **Endocrinology** 1989 Jul;125(1):158–64

CYCLOPHOSPHAMIDE

Prospective pilot study of intravenous pulse cyclophosphamide therapy for refractory rheumatoid arthritis [letter] Arnold MH, et al. **Arthritis Rheum** 1989 Jul;32(7):933–4
Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. Chen JJ, et al. **J Immunol** 1989 Aug 1; 143(3):1053–7
Murine natural suppressor cells in the newborn, in bone marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. Maier T, et al. **J Immunol** 1989 Jul 15;143(2):491–8

CYCLOSPORINS

Host resistance to cyclosporine induced syngeneic graft-versus-host disease. Requirement for two distinct lymphocyte subsets. Fischer AC, et al. **J Immunol** 1989 Aug 1;143(3):827–32
Interaction of fluconazole with cyclosporin [letter] Ehninger G, et al. **Lancet** 1989 Jul 8;2(8654):104–5
Treatment of chronic proctosigmoiditis with cyclosporin enemas [letter] Ranzi T, et al. **Lancet** 1989 Jul 8;2(8654):97
Cyclosporine: a review and its specific use in liver transplantation. de Groen PC. **Mayo Clin Proc** 1989 Jun; 64(6):680–9 (151 ref.)
Cyclosporine-induced hyperuricemia and gout. Lin HY, et al. **N Engl J Med** 1989 Aug 3;321(5):287–92

CYSTADENOCARCINOMA

Gastrin-producing ovarian cystadenocarcinoma: sensitivity to secretin and SMS 201-995. Heyd J, et al. **Gastroenterology** 1989 Aug;97(2):464–7
Ovarian carcinoma as a cause of Zollinger-Ellison syndrome. Natural history, secretory products, and response to provocative tests. Maton PN, et al. **Gastroenterology** 1989 Aug;97(2):468–71

CYSTEINE PROTEINASES

Protease antigens from house dust mite [letter] Stewart GA, et al. **Lancet** 1989 Jul 15;2(8655):154–5

CYSTIC DUCT

Choledochoscopy of the cystic duct as a new approach to the biliary tree. Reid BA Jr. **Surg Gynecol Obstet** 1989 Jul;169(1):68–70

CYSTIC FIBROSIS

Transient neonatal galactosaemia [letter] Cheetham CH. **Arch Dis Child** 1989 Apr;64(4):637
Changing patterns of treatment and survival in neonates with meconium ileus. Rescorla FJ, et al. **Arch Surg** 1989 Jul; 124(7):837–40
Sarcoid arthropathy in cystic fibrosis. Soden M, et al. **Br J Rheumatol** 1989 Aug;28(4):341–3
Pathogenesis of the pseudomonas lung lesion in cystic fibrosis. Fick RB Jr. **Chest** 1989 Jul;96(1):158–64 (39 ref.)
Outcome of infants with cystic fibrosis requiring mechanical ventilation for respiratory failure. Garland JS, et al. **Chest** 1989 Jul;96(1):136–8
Increased sulfation of glycoconjugates by cultured nasal epithelial cells from patients with cystic fibrosis. Cheng PW, et al. **J Clin Invest** 1989 Jul;84(1):68–72
Respiratory physiotherapy for cystic fibrosis [letter] Webber BA, et al. **J Pediatr** 1989 Jul;115(1):167–8
A piece of my mind. So much more to say. Leff PT. **JAMA** 1989 Jul 21;262(3):402
Genetic differences between cystic fibrosis with and without meconium ileus [letter] Simon-Bouy B, et al. **Lancet** 1989 Jul 8;2(8654):102
Relative effects of bronchial drainage and exercise for in-hospital care of patients with cystic fibrosis. Cerny FJ. **Phys Ther** 1989 Aug;69(8):633–9

CYSTINE

Diagnosis of cystinosis with use of placenta [letter] Smith ML, et al. **N Engl J Med** 1989 Aug 10;321(6):397–8

CYSTINOSIS

Diagnosis of cystinosis with use of placenta [letter] Smith ML, et al. **N Engl J Med** 1989 Aug 10;321(6):397–8

CYSTOSCOPY

Prognostic factors for recurrence and followup policies in the treatment of superficial bladder cancer: report from the British Medical Research Council Subgroup on Superficial Bladder Cancer (Urological Cancer Working Party). Parmar MK, et al. **J Urol** 1989 Aug;142(2):284–8

CYSTS

Recurrent parathyroid cystic disease. Favus LH, et al. **Am Fam Physician** 1989 Jul;40(1):119–22 (10 ref.)
Radiological case of the month. Traumatic pulmonary pseudocyst. Co MA, et al. **Am J Dis Child** 1989 Jul; 143(7):841–2
Magnetic resonance imaging of Thornwaldt's cyst. Norfray JF, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):569–70
Nasopharyngeal cysts. Report of seven cases with review of the literature. Nicolai P, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):860–4 (41 ref.)
Gas-containing cyst in the epidural space [letter] Beatty RA. **J Neurosurg** 1989 Aug;71(2):306
An immunohistochemical study of neuroepithelial (colloid) cysts. Kondziolka D, et al. **J Neurosurg** 1989 Jul;71(1):91–7
Mucinous cysts of the pituitary stalk. Report of two cases. Panagopoulos KP, et al. **J Neurosurg** 1989 Aug;71(2):276–8

CYTOCHROME OXIDASE

Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. Haller RG, et al. **J Clin Invest** 1989 Jul;84(1):155–61

CYTOMEGALIC INCLUSION DISEASE

Cytomegalovirus infection involving the skin in immunocompromised hosts. A clinicopathologic study. Lee JY. **Am J Clin Pathol** 1989 Jul;92(1):96–100 (29 ref.)
From the Food and Drug Administration. Nightingale SC. **JAMA** 1989 Aug 11;262(6):740
Preventing transfusion-acquired cytomegalovirus infection in infants [letter] **Lancet** 1989 Jul 15;2(8655):160–1
Cytomegalovirus infection and progression towards AIDS in haemophiliacs with human immunodeficiency virus infection. Webster A, et al. **Lancet** 1989 Jul 8;2(8654):63–6
Rapid shell vial culture and tissue histology compared with serology for the rapid diagnosis of cytomegalovirus infection in liver transplantation. Paya CV, et al. **Mayo Clin Proc** 1989 Jun;64(6):670–5

CYTOPLASM

Cytoplasmic crystals in multiple myeloma-associated Fanconi's syndrome. A morphological study including immunoelectron microscopy. Truong LD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):781–5
A functional role for signal transduction via the cytoplasmic domains of MHC class II proteins. St-Pierre Y, et al. **J Immunol** 1989 Aug 1;143(3):808–12

CYTOPLASMIC GRANULES

GMP-140, a platelet alpha-granule membrane protein, is also synthesized by vascular endothelial cells and is localized in Weibel-Palade bodies. McEver RP, et al. **J Clin Invest** 1989 Jul;84(1):92–9

CYTOSKELETON

Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. Marano N, et al. **J Immunol** 1989 Aug 1;143(3):931–8

CYTOSOL

The antigonadotropic action of prostaglandin F2 alpha is not mediated by elevated cytosolic calcium levels in rat luteal cells. Pepperell JR, et al. **Endocrinology** 1989 Jul; 125(1):144–51
Differences in the developmental patterns of somatotrophic and lactogenic receptors in rabbit liver cytosol. Ymer SI, et al. **Endocrinology** 1989 Jul;125(1):516–23
Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. Cooper HL, et al. **J Immunol** 1989 Aug 1;143(3):956–63

CYTOTOXICITY, IMMUNOLOGIC

Nonspecific cytotoxicity of recombinant interleukin-2

activated lymphocytes. Bechard DE, et al. **Am J Med Sci** 1989 Jul;298(1):28–33
Adriamycin-induced resistance to natural killer (NK)-mediated cytotoxicity. Wood WJ Jr, et al. **Cancer** 1989 Jul 15;64(2):396–403
Liposome-associated tumor necrosis factor retains bioactivity in the presence of neutralizing anti-tumor necrosis factor antibodies. Debs RJ, et al. **J Immunol** 1989 Aug 15; 143(4):1192–7
Relationship between target cell recognition and temporal fluctuations in intracellular Ca2+ of human NK cells. Edwards BS, et al. **J Immunol** 1989 Aug 1;143(3):1058–65
IFN-beta 2/IL-6 augments the activity of human natural killer cells. Luger TA, et al. **J Immunol** 1989 Aug 15; 143(4):1206–9
IL-2 and IFN-gamma are two necessary lymphokines in the development of cytolytic T cells. Maraskovsky E, et al. **J Immunol** 1989 Aug 15;143(4):1210–4
Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. Shau HY, et al. **J Immunol** 1989 Aug 1;143(3):1066–72
Characterization of the T cell-mediated cellular cytotoxicity during acute infectious mononucleosis. Tomkinson BE, et al. **J Immunol** 1989 Jul 15;143(2):660–70
Feline cytotoxic large granular lymphocytes induced by recombinant human IL-2. Tompkins MB, et al. **J Immunol** 1989 Jul 15;143(2):749–54
An ongoing in vivo immune response affects the abundancy and differentiation of lymphokine-activated killer cell precursors, but does not influence their broad spectrum target reactivity. Vanhaesebroeck B, et al. **J Immunol** 1989 Aug 15;143(4):1396–402

CYTOTOXINS

Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. Barker RL, et al. **J Immunol** 1989 Aug 1;143(3):952–5
Human eosinophil cytotoxicity-enhancing factor. Purification, physical characteristics, and partial amino acid sequence of an active polypeptide. Silberstein DS, et al. **J Immunol** 1989 Aug 1;143(3):979–83

DANCING

Osteopenia as a risk factor for injuries to dancers [letter] Horváth C, et al. **BMJ** 1989 Apr 29;298(6681):1176–7

DAPSONE

Dapsone in the long-term treatment of temporal arteritis [letter] Demaziere A. **Am J Med** 1989 Jul;87(1):3

DATA COLLECTION

Instrument reliability and validity: how much needs to be published? Lynn MR. **Heart Lung** 1989 Jul;18(4):421–3
The use of chemical weapons. Conducting an investigation using survey epidemiology. Hu H, et al. **JAMA** 1989 Aug 4;262(5):640–3

DAY CARE

Daycase anaesthesia and anxiety. A study of anxiety profiles amongst patients attending a day bed unit. Mackenzie JW. **Anaesthesia** 1989 May;44(5):437–40

DEAFNESS, SUDDEN

Role of perilymphatic fistula in sudden hearing loss: an animal model. Oshiro EM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):491–5

DEATH

Interpretation of elevated postmortem serum concentrations of digoxin in infants and children. Koren G, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):758–61

DEATH, SUDDEN

Late sudden unexpected deaths in hospitalized infants with bronchopulmonary dysplasia. Abman SH, et al. **Am J Dis Child** 1989 Jul;143(7):815–9
Sudden death in incomplete Kawasaki disease [letter] Loubser MD, et al. **Arch Dis Child** 1989 Apr;64(4):637–8
Medical and surgical management of early Q wave myocardial infarction. I. Effects of surgical reperfusion on survival, recurrent myocardial infarction, sudden death and functional class at 10 or more years of follow-up. DeWood MA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):65–77
Sudden cardiac death without warning. Possible mechanisms and implications for screening asymptomatic populations. Epstein SE, et al. **N Engl J Med** 1989 Aug 3;321(5):320–4
The cardiac arrhythmia suppression trial (CAST) [editorial; comment] Ruskin JN. **N Engl J Med** 1989 Aug 10; 321(6):386–8. **Comment on:** N Engl J Med 1989 Aug 10;321(6):406–12

DEBRIDEMENT

Débriding properties of krill enzymes in necrotic leg ulcers [letter] Hellgren L, et al. **Arch Dermatol** 1989 Jul; 125(7):1006
Debridement and closed cavity irrigation for the treatment of pancreatic necrosis. Larvin M, et al. **Br J Surg** 1989 May;76(5):465–71
Spontaneous streptococcal gangrenous myositis: survival with early debridement. Doebbeling BN, et al. **South Med J** 1989 Jul;82(7):900–2

DECIDUA

Deciduomal estrogen and progesterone receptors in unilateral pregnant hamsters. Chen TJ, et al. **Endocrinology** 1989 Jul; 125(1):302–7

DECISION MAKING

Thoughts and ethics. The place for thought in medical ethical decision-making. Graner JL. **Lancet** 1989 Jul 15; 2(8655):150
Proceedings of the APTA Conference on Clinical Decision Making in Physical Therapy Practice, Education and Research. October 2–3, 1988, Osage Beach, Missouri. **Phys Ther** 1989 Jul;69(7):523–617
Clinical decision making in physical therapy: a practitioner's perspective. Magistro CM. **Phys Ther** 1989 Jul;69(7):525–34
Critical decisions in medical care: birth to death. Lamm RD. **South Med J** 1989 Jul;82(7):822–4

DECISION SUPPORT TECHNICS

Single-subject experimental paradigm as a clinical decision tool. Gonnella C. **Phys Ther** 1989 Jul;69(7):601–9
Making decisions based on group designs and meta-analysis. Norton BJ, et al. **Phys Ther** 1989 Jul;69(7):594–600
Clinical decision analysis. Watts NT. **Phys Ther** 1989 Jul; 69(7):569–76

DECOMPRESSION

Neurohumoral and hemodynamic effects of lower body negative pressure in patients with congestive heart failure. Mohanty PK, et al. **Am Heart J** 1989 Jul;118(1):78–85
Atrial natriuretic peptide attenuates the reflex sympathetic responses to lower body negative pressure. Imam K, et al. **Am J Med Sci** 1989 Jul;298(1):1–7

DECOMPRESSION SICKNESS

Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22

DECUBITUS ULCER

Measurement of pressure ulcer volume using dental impression materials: suggestion from the field. Covington JS, et al. **Phys Ther** 1989 Aug;69(8):690–4

DEDUCTIBLES AND COINSURANCE

Out-of-pocket payments and use of care for serious and minor symptoms. Results of a national survey. Shapiro MF, et al. **Arch Intern Med** 1989 Jul;149(7):1645–8

DEFENSE MECHANISMS

Defense mechanisms in risk of suicide and risk of violence. Apter A, et al. **Am J Psychiatry** 1989 Aug;146(8):1027–31

DEFEROXAMINE

Protective effect of the iron chelator deferoxamine on cold-induced brain edema. Ikeda Y, et al. **J Neurosurg** 1989 Aug;71(2):233–8
Rapid removal of excessive iron with daily, high-dose intravenous chelation therapy. Cohen AR, et al. **J Pediatr** 1989 Jul;115(1):151–5
Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Altmann P, et al. **Lancet** 1989 Jul 1;2(8653):7–12

DEGLUTITION

Interactive computer program for biomechanical analysis of videoradiographic studies of swallowing. Logemann JA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):277–80
Swallowing. An unusual cause of syncope. Kalloo AN, et al. **Dig Dis Sci** 1989 Jul;34(7):1117–20

DEGLUTITION DISORDERS

Infectious mononucleosis complicated by necrotizing epiglottitis, dysphagia, and pneumonia. Biem J, et al. **Chest** 1989 Jul;96(1):204–5

DEHYDRATION

Danger of central pontine myelinolysis in hypotonic dehydration and recommendation for treatment. Oh MS, et al. **Am J Med Sci** 1989 Jul;298(1):41–3

DELIRIUM

Delirium in the elderly patient [letter] **N Engl J Med** 1989 Jul 27;321(4):264

DELIVERY

Management of the nonvertex second twin: primary cesarean section, external version, or primary breech extraction. Gocke SE, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):111–4
Mechanism for human papillomavirus transmission at birth. Sedlacek TV, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):55–9
Vaginal birth after cesarean delivery in the twin gestation. Strong TH Jr, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):29–32
Removing a retained placenta by oxytocin—a controlled study. Wilken-Jensen C, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):155–6
Palpation of the uterine scar after vaginal delivery [letter] Schneider G. **Can Med Assoc J** 1989 Jul 15;141(2):98
Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Hwang JJ, et al. **Endocrinology** 1989 Jul; 125(1):260–6
Obstetric protest [letter] Corbishley H. **Lancet** 1989 Jul 15; 2(8655):162
Use of ghee during delivery [letter] Murthy GV, et al. **Lancet** 1989 Jul 8;2(8654):109–10

DELIVERY OF HEALTH CARE

Private and public psychiatry: a comparison of two health care systems. Andrews G. **Am J Psychiatry** 1989 Jul; 146(7):881–6
Comprehensive health care for high-risk adolescents: an evaluation study. Earls F, et al. **Am J Public Health** 1989 Aug;79(8):999–1005
Health care in the United States: a course for refugee health workers [news] Meyers AR, et al. **Am J Public Health** 1989 Aug;79(8):1051–2
Local public health and the state [editorial] Pickett G. **Am J Public Health** 1989 Aug;79(8):967–8
Model Standards impact on local health department performance in California. Spain C, et al. **Am J Public Health** 1989 Aug;79(8):969–74
Academic medicine as a public trust. Schroeder SA, et al. **JAMA** 1989 Aug 11;262(6):803–12 (107 ref.)
Ethical issues in chronic, severe, catastrophic illnesses. Churchill LR. **South Med J** 1989 Jul;82(7):815–7
Critical decisions in medical care: birth to death. Lamm RD. **South Med J** 1989 Jul;82(7):822–4
The last legacy, or, Sisyphus revisited [editorial] Thomison JB. **South Med J** 1989 Jul;82(7):809–10
Into the nineties and beyond: medicine in short supply [editorial] Thomison JB. **South Med J** 1989 Jul;82(7):811–3
Economic welfare versus social justice. Windom RE. **South Med J** 1989 Jul;82(7):818–21

DELUSIONS

A lycanthropic murderer [letter] Benezech M, et al. **Am J Psychiatry** 1989 Jul;146(7):942

DEMENTIA

Dementia and depression [letter] Ramchandani D. **Am J Psychiatry** 1989 Aug;146(8):1079
Abnormal melatonin response to 5-methoxypsoralen in dementia. Souêtre E, et al. **Am J Psychiatry** 1989 Aug; 146(8):1037–40
Dementia. A review emphasizing clinicopathologic correlation and brain-behavior relationships. Chui HC. **Arch Neurol** 1989 Jul;46(7):806–14 (199 ref.)
Ataxia, chorea, seizures, and dementia. Pathologic features of a newly defined familial disorder. Farmer TW, et al. **Arch Neurol** 1989 Jul;46(7):774–9
Cross-cultural studies of dementia. A comparison of mini-mental state examination performance in Finland and China. Salmon DP, et al. **Arch Neurol** 1989 Jul;46(7):769–72
Familial dementia with PrP-positive amyloid plaques: a variant of Gerstmann-Sträussler syndrome. Nochlin D, et al. **Neurology** 1989 Jul;39(7):910–8
AIDS dementia complex. Characteristics of a unique aspect of HIV infection. Weisberg LA, et al. **Postgrad Med** 1989 Jul;86(1):213–20 (12 ref.)

DEMENTIA, PRESENILE

Diagnosis of Gerstmann-Sträussler syndrome in familial dementia with prion protein gene analysis. Collinge J, et al. **Lancet** 1989 Jul 1;2(8653):15–7

DEMYELINATING DISEASES

Danger of central pontine myelinolysis in hypotonic dehydration and recommendation for treatment. Oh MS, et al. **Am J Med Sci** 1989 Jul;298(1):41–3
Characterization of B lymphocytes present in the demyelinating lesions induced by Theiler's virus. Cash E, et al. **J Immunol** 1989 Aug 1;143(3):984–8

DENGUE

Aedes aegypti and Aedes aegypti-borne disease control in

the 1990s: top down or bottom up. Charles Franklin Craig Lecture. Gubler DJ. **Am J Trop Med Hyg** 1989 Jun; 40(6):571–8

DENGUE VIRUS

Identification of continuous epitopes of the envelope glycoprotein of dengue type 2 virus. Innis BL, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):676–87

DENTAL CARIES

Position of the American Dietetic Association: the impact of fluoride on dental health. **J Am Diet Assoc** 1989 Jul; 89(7):971–4

Beriberi secondary to tooth decay [letter] Probert CS. **Lancet** 1989 Jul 1;2(8653):51–2

DENTAL FISTULA

Odontogenic sinus tracts. Hodges TP, et al. **Am Fam Physician** 1989 Jul;40(1):113–6 (8 ref.)

DENTAL IMPLANTATION, ENDOSSEOUS

Multicenter follow-up study of the transmandibular implant. Maxson B, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):785–9

Functional mandibular reconstruction: prevention of the oral invalid. Lukash FN, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):227–33; discussion 234–5

DENTAL IMPRESSION TECHNIC

Measurement of pressure ulcer volume using dental impression materials: suggestion from the field. Covington JS, et al. **Phys Ther** 1989 Aug;69(8):690–4

DENTAL INSTRUMENTS

The dental mirror in operations of the prostate. Wise GJ. **Surg Gynecol Obstet** 1989 Jul;169(1):79–80

DENTAL PULP GANGRENE

Odontogenic sinus tracts. Hodges TP, et al. **Am Fam Physician** 1989 Jul;40(1):113–6 (8 ref.)

DEOXYCHOLIC ACID

Use of external shock-wave lithotripsy and adjuvant ursodiol for treatment of radiolucent gallstones. A national multicenter study. Burnett D, et al. **Dig Dis Sci** 1989 Jul; 34(7):1011–5

Gallstone disappearance after extracorporeal lithotripsy and oral bile acid dissolution. Ponchon T, et al. **Gastroenterology** 1989 Aug;97(2):457–63

DEPERSONALIZATION DISORDER

A lycanthropic murderer [letter] Benezech M, et al. **Am J Psychiatry** 1989 Jul;146(7):942

DEPRESSION

Depression and medical illness. Petty F. **Am J Med Sci** 1989 Jul;298(1):59–68

Imipramine for patients with Alzheimer's disease with and without depression [letter] **Am J Psychiatry** 1989 Jul; 146(7):944–5

Developmental perspectives in child and adolescent depressive symptoms in a community sample. Kashani JH, et al. **Am J Psychiatry** 1989 Jul;146(7):871–5

The association between depressive symptoms and mortality among older participants in the Epidemiologic Catchment Area–Piedmont Health Survey. Fredman L, et al. **J Gerontol** 1989 Jul;44(4):S149–56

DEPRESSIVE DISORDER

Depression and negative symptoms in schizophrenia [letter] Chadda RK, et al. **Am J Psychiatry** 1989 Aug;146(8):1083

Seasonal and mood independence of low basal prolactin secretion in premenopausal women with seasonal affective disorder. Depue RA, et al. **Am J Psychiatry** 1989 Aug; 146(8):989–95

Social adjustment in affective disorders [letter] Klein DN. **Am J Psychiatry** 1989 Aug;146(8):1086–7

Panic disorder in children at high risk for depression. Moreau DL, et al. **Am J Psychiatry** 1989 Aug;146(8):1059–60

Dementia and depression [letter] Ramchandani D. **Am J Psychiatry** 1989 Aug;146(8):1079

Religiousness and psychiatric disorders [letter] Tobak M. **Am J Psychiatry** 1989 Aug;146(8):1088

Family histories of alcoholism in depressed patients: DST and REM latency findings [letter] Zammit G, et al. **Am J Psychiatry** 1989 Aug;146(8):1077

Somatic symptoms and depression. Katon W, et al. **J Fam Pract** 1989 Jul;29(1):65–9

A correlation between the Geriatric Depression Scale long and short forms. Alden D, et al. **J Gerontol** 1989 Jul; 44(4):P124–5

Serum haloperidol and desipramine concentrations and the treatment of psychotic depression: two case reports. Lin KM, et al. **J Nerv Ment Dis** 1989 Jul;177(7):431–2

DERMATITIS, ATOPIC

Familial background of respiratory atopy. A factor of type I allergy to house dust mite in patients with atopic dermatitis. Uehara M, et al. **Arch Dermatol** 1989 Jul; 125(7):939–43

Natural history of food hypersensitivity in children with atopic dermatitis. Sampson HA, et al. **J Pediatr** 1989 Jul; 115(1):23–7

Spontaneous release of histamine from basophils and histamine-releasing factor in patients with atopic dermatitis and food hypersensitivity [see comment] Sampson HA, et al. **N Engl J Med** 1989 Jul 27;321(4):228–32. **Comment on:** N Engl J Med 1989 Jul 27;321(4):255–7

DERMATITIS, CONTACT

Poison oak urethritis [letter] Watts WJ. **N Engl J Med** 1989 Jul 20;321(3):194

DERMATITIS MEDICAMENTOSA

Adverse reactions to griseofulvin in patients with circulating anti-SSA/Ro and SSB/La autoantibodies. Miyagawa S, et al. **Am J Med** 1989 Jul;87(1):100–2

DERMATOLOGY

Speaking of peer review... [letter] Allen AD. **Arch Dermatol** 1989 Jul;125(7):1001–2

Special techniques in dermatology. Jaworsky C, et al. **Arch Dermatol** 1989 Jul;125(7):963–74 (76 ref.)

Dermatology, 50 years ago. Arnold HL Jr. **JAMA** 1989 Aug 11;262(6):824–5

DERMATOMYCOSES

Cutaneous Rhizopus and Aspergillus infections in five patients with cancer. Khardori N, et al. **Arch Dermatol** 1989 Jul;125(7):952–6 (31 ref.)

DERMATOMYOSITIS

Current concepts in the idiopathic inflammatory myopathies: polymyositis, dermatomyositis, and related disorders. Plotz PH, et al. **Ann Intern Med** 1989 Jul 15;111(2):143–57 (100 ref.)

DESIPRAMINE

Serum haloperidol and desipramine concentrations and the treatment of psychotic depression: two case reports. Lin KM, et al. **J Nerv Ment Dis** 1989 Jul;177(7):431–2

Desipramine isn't when it's disopyramide [letter] Garvey CW. **JAMA** 1989 Jul 14;262(2):210

DESMOPRESSIN

Uremic plasma after infusion of desmopressin (DDAVP) improves the interaction of normal platelets with vessel subendothelium. Escolar G, et al. **J Lab Clin Med** 1989 Jul;114(1):36–42

DEVELOPING COUNTRIES

Maternal mortality in developing countries. An ongoing but neglected 'epidemic'. Rosenfield A. **JAMA** 1989 Jul 21; 262(3):376–9 (39 ref.)

International versus domestic health: an antiquated distinction [letter] Gellert GA, et al. **Lancet** 1989 Jul 1; 2(8653):51

Vesicovaginal fistula [letter] Kelly J. **Lancet** 1989 Jul 8; 2(8654):109

DEXAMETHASONE

Family histories of alcoholism in depressed patients: DST and REM latency findings [letter] Zammit G, et al. **Am J Psychiatry** 1989 Aug;146(8):1077

Does dexamethasone suppress the ACTH response in preterm babies? Rennie JM, et al. **Arch Dis Child** 1989 Apr; 64(4):612–3

Dexamethasone inhibits growth hormone induction of insulin-like growth factor-I (IGF-I) messenger ribonucleic acid (mRNA) in hypophysectomized rats and reduces IGF-I mRNA abundance in the intact rat. Luo JM, et al. **Endocrinology** 1989 Jul;125(1):165–71

Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. Marshall G, et al. **J Pediatr** 1989 Jul;115(1):156–60

Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. Shapiro E, et al. **J Urol** 1989 Aug;142(2 Pt 2):663–6; discussion 667–8

DEXTRANS

Hypertonic saline-dextran resuscitation of acute canine bile-induced pancreatitis. Horton JW, et al. **Am J Surg** 1989 Jul;158(1):48–56

Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149–54

Antigenicity of dextran-protein conjugates in mice. Effect of molecular weight of the carbohydrate and comparison of two modes of coupling. Seppälä I, et al. **J Immunol** 1989 Aug 15;143(4):1259–64

DIABETES MELLITUS

Fatness, fat distribution, and glucose tolerance in second-generation Japanese-American (Nisei) men. Newell-Morris LL, et al. **Am J Clin Nutr** 1989 Jul; 50(1):9–18

The effect of diabetes mellitus on prognosis and serial left ventricular function after acute myocardial infarction: contribution of both coronary disease and diastolic left ventricular dysfunction to the adverse prognosis. The MILIS Study Group. Stone PH, et al. **J Am Coll Cardiol** 1989 Jul;14(1):49–57

From an excess of fat, diabetics die [editorial] Steiner G. **JAMA** 1989 Jul 21;262(3):398–9

Diabetes mellitus in Africans [letter] King H. **Lancet** 1989 Jul 1;2(8653):42

Maternal age and screening for gestational diabetes: a population-based study [letter] Barss V, et al. **Obstet Gynecol** 1989 Aug;74(2):286–8

DIABETES MELLITUS, EXPERIMENTAL

Indirect effect of catecholamines on development of insulin resistance in skeletal muscle from diabetic rats. Boström M, et al. **Diabetes** 1989 Jul;38(7):906–10

Genetic studies in inbred BB/Wor rats. Analysis of progeny produced by crossing lymphopenic diabetes-prone rats with nonlymphopenic diabetic rats. Guberski DL, et al. **Diabetes** 1989 Jul;38(7):887–93

Reciprocal allogeneic bone marrow transplantation between NOD mice and diabetes-nonsusceptible mice associated with transfer and prevention of autoimmune diabetes. LaFace DM, et al. **Diabetes** 1989 Jul;38(7):894–901

Effect of prostaglandin E1 analogue TFC 612 on diabetic neuropathy in streptozocin-induced diabetic rats. Comparison with aldose reductase inhibitor ONO 2235. Yasuda H, et al. **Diabetes** 1989 Jul;38(7):832–8

Destruction of pancreatic islet cells by cytotoxic T lymphocytes in nonobese diabetic mice. Nagata M, et al. **J Immunol** 1989 Aug 15;143(4):1155–62

DIABETES MELLITUS, INSULIN-DEPENDENT

Pregnancy after aortofemoral bypass grafting in a diabetic patient. Bradley-Watson PJ. **Am J Obstet Gynecol** 1989 Jul;161(1):200–1

Prematurity among insulin-requiring diabetic gravid women. Greene MF, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):106–11

Tubular dysfunction and microalbuminuria in insulin dependent diabetes [letter] Chiarelli F, et al. **Arch Dis Child** 1989 Apr;64(4):635

Management of diabetes mellitus. Johnston DI. **Arch Dis Child** 1989 Apr;64(4):622–8 (28 ref.)

Function of pancreas allografts more than 1 year following transplantation. Wright FH, et al. **Arch Surg** 1989 Jul; 124(7):796–9; discussion 799–800

Membrane lipid alterations and Na+-pumping activity in erythrocytes from IDDM and NIDDM subjects. Baldini P, et al. **Diabetes** 1989 Jul;38(7):825–31

MHC molecules and beta-cell destruction. Immune and nonimmune mechanisms. Harrison LC, et al. **Diabetes** 1989 Jul;38(7):815–8 (26 ref.)

Zinc-dependent low thymic hormone level in type I diabetes. Mocchegiani E, et al. **Diabetes** 1989 Jul;38(7):932–7

Primary association of HLA-DQw8 with type I diabetes in DR4 patients. Owerbach D, et al. **Diabetes** 1989 Jul; 38(7):942–5

Microvascular blood flow, volume, and velocity measured by laser Doppler techniques in IDDM. Rendell M, et al. **Diabetes** 1989 Jul;38(7):819–24

Site-specific antibodies distinguish single amino acid substitutions in position 57 in HLA-DQ beta-chain alleles associated with insulin-dependent diabetes. Atar D, et al. **J Immunol** 1989 Jul 15;143(2):533–8

Destruction of pancreatic islet cells by cytotoxic T lymphocytes in nonobese diabetic mice. Nagata M, et al. **J Immunol** 1989 Aug 15;143(4):1155–62

Insulin autoantibodies as markers of potential diabetes mellitus [letter] Betterle C, et al. **Lancet** 1989 Jul 22; 2(8656):223–4

In-vivo anti-CD3 treatment of autoimmune patients [letter] Chatenoud L, et al. **Lancet** 1989 Jul 15;2(8655):164

Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Riggs JE, et al. **Neurology** 1989 Jul; 39(7):997–8

Pediatric endocrinologic recommendations, pediatric practice, and current pediatric training regarding care of children with diabetes. Golden MP, et al. **Pediatrics** 1989 Jul;84(1):138–43

Pyomyositis in patients with diabetes. Computed tomography

as a key to diagnosis. Brown RL. **Postgrad Med** 1989 Jul; 86(1):79–81, 84, 89

DIABETES MELLITUS, NON-INSULIN-DEPENDENT

Gestational diabetes in the BHE rat: influence of dietary fat. Bue JM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):234–40
Non-insulin dependent diabetes and ischaemic heart disease [letter] Jarret RJ. **BMJ** 1989 May 13;298(6683):1311
Do antihypertensive drugs precipitate diabetes in predisposed men? Skarfors ET, et al. **BMJ** 1989 Apr 29; 298(6681):1147–52
Membrane lipid alterations and Na+-pumping activity in erythrocytes from IDDM and NIDDM subjects. Baldini P, et al. **Diabetes** 1989 Jul;38(7):825–31
Erythrocyte O2 transport and metabolism and effects of vitamin B6 therapy in type II diabetes mellitus. Solomon LR, et al. **Diabetes** 1989 Jul;38(7):881–6
Adjustment of caloric intake based on self-monitoring in noninsulin-dependent diabetes mellitus: development and feasibility. Malik RL, et al. **J Am Diet Assoc** 1989 Jul; 89(7):960–1
Glucose and free fatty acid metabolism in non-insulin-dependent diabetes mellitus. Evidence for multiple sites of insulin resistance. Groop LC, et al. **J Clin Invest** 1989 Jul;84(1):205–13
Lack of awareness and treatment of hyperlipidemia in type II diabetes in a community survey. Stern MP, et al. **JAMA** 1989 Jul 21;262(3):360–4
Early metabolic defects in persons at increased risk for non-insulin-dependent diabetes mellitus. Eriksson J, et al. **N Engl J Med** 1989 Aug 10;321(6):337–43
Pyomyositis in patients with diabetes. Computed tomography as a key to diagnosis. Brown RL. **Postgrad Med** 1989 Jul; 86(1):79–81, 84, 89

DIABETIC ANGIOPATHIES

From an excess of fat, diabetics die [editorial] Steiner G. **JAMA** 1989 Jul 21;262(3):398–9

DIABETIC NEPHROPATHIES

Tubular dysfunction and microalbuminuria in insulin dependent diabetes [letter] Chiarelli F, et al. **Arch Dis Child** 1989 Apr;64(4):635

DIABETIC NEUROPATHIES

Effect of prostaglandin E1 analogue TFC 612 on diabetic neuropathy in streptozocin-induced diabetic rats. Comparison with aldose reductase inhibitor ONO 2235. Yasuda H, et al. **Diabetes** 1989 Jul;38(7):832–8
Thermoregulatory sweating abnormalities in diabetes mellitus. Fealey RD, et al. **Mayo Clin Proc** 1989 Jun; 64(6):617–28
Sweating abnormalities and other autonomic disorders in diabetes mellitus. Stewart JD. **Mayo Clin Proc** 1989 Jun; 64(6):712–5

DIABETIC RETINOPATHY

AAO releases guidelines for eye care in patients with diabetes mellitus. **Am Fam Physician** 1989 Jul;40(1):270, 272
Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Blankenship GW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):1–5

DIACETYLMORPHINE

Epidural diamorphine and bupivacaine in labour. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):400–3
Nocardial spinal epidural abscess. Siao P, et al. **Neurology** 1989 Jul;39(7):996

DIAGNOSIS

The luxuriant language of diagnosis. Kassirer JP, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):36–8, 40, 42, 49
Objective measures. Bohannon RW. **Phys Ther** 1989 Jul; 69(7):590–3
Subjective measures and clinical decision making. Delitto A. **Phys Ther** 1989 Jul;69(7):585–9
Physical therapy diagnosis: role and function. Rose SJ. **Phys Ther** 1989 Jul;69(7):535–7

DIAGNOSIS, COMPUTER ASSISTED

Dot diagrams as source documents for evaluations of test performance. Krieg AF, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):746–9
Use of computerized electroencephalographic monitoring during aneurysm surgery. Tempelhoff R, et al. **J Neurosurg** 1989 Jul;71(1):24–31
On developing expert-based decision-support systems in physical therapy: the NIOSH low back atlas. Delitto A, et al. **Phys Ther** 1989 Jul;69(7):554–8
The problem-oriented system, problem-knowledge coupling, and clinical decision making. Weed LL, et al. **Phys Ther** 1989 Jul;69(7):565–8

DIAGNOSTIC IMAGING

Preoperative imaging of aortic aneurysms. Conventional and digital subtraction angiography, computed tomography scanning, and magnetic resonance imaging. Bandyk DF. **Surg Clin North Am** 1989 Aug;69(4):721–35 (35 ref.)

DIAGNOSTIC RELATED GROUPS

Financial implications of prolonged ventilator care under DRGs 474 and 475. Gracey DR, et al. **Chest** 1989 Jul; 96(1):193–4
Revising diagnosis-related groups for neonates. Lichtig LK, et al. **Pediatrics** 1989 Jul;84(1):49–61

DIAGNOSTIC SERVICES

An education program to reduce unnecessary laboratory tests by residents. Dowling PT, et al. **Acad Med** 1989 Jul; 64(7):410–2

DIAGNOSTIC TESTS, ROUTINE

Use of consultations [letter] Birnbaum PS. **Acad Med** 1989 Jul;64(7):390
Standardization of diagnostic criteria for temporomandibular joint disorders [letter] Schwartz HC. **J Oral Maxillofac Surg** 1989 Aug;47(8):891

DIAPHRAGM

Amplitude dependency of regional chest wall resistance and elastance at normal breathing frequencies. Barnas GM, et al. **Am Rev Respir Dis** 1989 Jul;140(1):25–30
Chest wall distortion in patients with flail chest. Tzelepis GE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):31–7
Rehabilitation of quadriplegic patients with phrenic nerve pacers. Lee MY, et al. **Arch Phys Med Rehabil** 1989 Jul; 70(7):549–52
Diaphragmatic contraction during assisted mechanical ventilation. Flick GR, et al. **Chest** 1989 Jul;96(1):130–5
Dual-respiratory rhythms. A key to diagnosis of diaphragmatic flutter in patients with HVS. Kondo T, et al. **Chest** 1989 Jul;96(1):106–9
Left-sided perinephric hematoma associated with rupture of the left hemidiaphragm: a marker for renal artery injury. Peitzman AB, et al. **Surgery** 1989 Jul;106(1):33–6

DIARRHEA

Association of antecedent malnutrition with persistent diarrhoea: a case-control study. Bhandari N, et al. **BMJ** 1989 May 13;298(6683):1284–7

DIARRHEA, INFANTILE

Nutritional supplementation: effects on child stunting because of diarrhea. Lutter CK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):1–8
Enteric adenovirus infection and childhood diarrhea: an epidemiologic study in three clinical settings. Kotloff KL, et al. **Pediatrics** 1989 Aug;84(2):219–25

DIATHERMY

Ultrasound/PEME for perineal pain [editorial] **Lancet** 1989 Jul 1;2(8653):22–3

DIATRIZOATE MEGLUMINE

Effects of ionic and nonionic contrast media on coronary diameter and blood flow in chronically instrumented dogs. Egashira S, et al. **Am Heart J** 1989 Jul;118(1):39–46

DIAZEPAM

Relapse and rebound following discontinuation of benzodiazepine treatment of panic attacks: alprazolam versus diazepam. Roy-Byrne PP, et al. **Am J Psychiatry** 1989 Jul;146(7):860–5
Development of an in vivo model for assessment of drug-induced vascular injury. Johnson JV, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):819–22

DIET

Dietary deficiency of phylloquinone and reduced serum levels in febrile neutropenic cancer patients. Conly J, et al. **Am J Clin Nutr** 1989 Jul;50(1):109–13
Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Edington JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):58–62
Diet and serum cholesterol [letter] Kahn HA, et al. **Am J Clin Nutr** 1989 Jul;50(1):177–8
Diet and fecal steroid profile in a South Asian population with a low colon-cancer rate. McKeigue PM, et al. **Am J Clin Nutr** 1989 Jul;50(1):151–4
Nutritional evaluation of Huntington disease patients. Morales LM, et al. **Am J Clin Nutr** 1989 Jul;50(1):145–50
Between- and within-subject variation in nutrient intake from infancy to old age: estimating the number of days required to rank dietary intakes with desired precision. Nelson M, et al. **Am J Clin Nutr** 1989 Jul;50(1):155–67
Correlation between niacin equivalent intake and urinary excretion of its metabolites, N'-methylnicotinamide, N'-methyl-2-pyridone-5-carboxamide, and N'-methyl-4-pyridone-3-carboxamide, in humans consuming a self-selected food. Shibata K, et al. **Am J Clin Nutr** 1989 Jul;50(1):114–9
A case-control study of pancreatic cancer and cigarettes, alcohol, coffee and diet. Olsen GW, et al. **Am J Public Health** 1989 Aug;79(8):1016–9
Diet and lung cancer. Miller AB, et al. **Chest** 1989 Jul;96(1 Suppl):8S–9S (20 ref.)
The effect of bulimia upon diet, body fat, bone density, and blood components. Howat PM, et al. **J Am Diet Assoc** 1989 Jul;89(7):929–34

DIET, REDUCING

Use of an expanded-whole-wheat product in the reduction of body weight and serum lipids in obese females. Fordyce-Baum MK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):30–6
Weight loss in 108 obese women on a diet supplying 800 kcal/d for 21 d. Webster JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):41–5
Timely statement of the American Dietetic Association: very low calorie weight loss diets. **J Am Diet Assoc** 1989 Jul; 89(7):975–6

DIET, SODIUM-RESTRICTED

Electrolyte content of salt-replacement seasonings. Ahern DA, et al. **J Am Diet Assoc** 1989 Jul;89(7):935–8
Effect of salt restriction on hypertension [letter] Graudal N, et al. **Lancet** 1989 Jul 1;2(8653):41–2

DIET THERAPY

Chemoprevention of lung cancer. Problems and progress. Greenwald P, et al. **Chest** 1989 Jul;96(1 Suppl):14S–17S (11 ref.)

DIETARY CARBOHYDRATES

Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Fuse K, et al. **Dig Dis Sci** 1989 Jul;34(7):1109–16
Galactose consumption and metabolism in relation to the risk of ovarian cancer. Cramer DW, et al. **Lancet** 1989 Jul 8; 2(8654):66–71

DIETARY FATS

Providing heart-healthy alternatives at cardiology meetings: grilled salmon or beef tenderloin? Maxwell K, et al. **Am J Cardiol** 1989 Jul 1;64(1):111–3
Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Edington JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):58–62
Gestational diabetes in the BHE rat: influence of dietary fat. Bue JM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):234–40
Beta-carotene and animal fats and their relationship to prostate cancer risk. A case-control study. Mettlin C, et al. **Cancer** 1989 Aug 1;64(3):605–12
Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Fuse K, et al. **Dig Dis Sci** 1989 Jul;34(7):1109–16
Dietary fat intake, 72-hour excretion, and Sudan stain for fecal fat [letter] **Gastroenterology** 1989 Aug;97(2):550–1
What to do about dietary saturated fats? [news] Marwick C. **JAMA** 1989 Jul 28;262(4):453
Use of ghee during delivery [letter] Murthy GV, et al. **Lancet** 1989 Jul 8;2(8654):109–10

DIETARY FATS, UNSATURATED

Cigarettes and heart disease [letter] Fehily AM, et al. **Lancet** 1989 Jul 8;2(8654):114–5

DIETARY FIBER

Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Edington JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):58–62
High-fiber diets: influence on characteristics of cecal digesta including short-chain fatty acid concentrations and pH. Fleming SE, et al. **Am J Clin Nutr** 1989 Jul;50(1):93–9
Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Fuse K, et al. **Dig Dis Sci** 1989 Jul;34(7):1109–16
Dietary fiber and health. Council on Scientific Affairs. **JAMA** 1989 Jul 28;262(4):542–6 (32 ref.)

DIETARY PROTEINS

Effect of protein intake on lifelong changes in renal function of rats unilaterally nephrectomized at young age. Provoost AP, et al. **J Lab Clin Med** 1989 Jul;114(1):19–26

DIETARY SERVICES

Federal nutrition policies: impact on dietetic practice. Nestle M, et al. **J Am Diet Assoc** 1989 Jul;89(7):944–7
Nutrition-related backgrounds and counseling practices of doctors of chiropractic. Newman CF, et al.

J Am Diet Assoc 1989 Jul;89(7):939–43
Dietary intakes of female college athletes: the need for nutrition education. Tilgner SA, et al. J Am Diet Assoc 1989 Jul;89(7):967–9

DIETETICS

New project to help practitioner competence. Dougherty DA, et al. J Am Diet Assoc 1989 Jul;89(7):977–8
Job satisfaction of South Carolina dietitians. Rehn BL, et al. J Am Diet Assoc 1989 Jul;89(7):979–81

DIGESTIVE SYSTEM DISEASES

Growth of digestive diseases research funds and investigators supported by the National Institutes of Health. Kalser SC, et al. Gastroenterology 1989 Aug;97(2):482–7
Federal support for digestive diseases research [editorial] Trier JS. Gastroenterology 1989 Aug;97(2):504–5

DIGESTIVE SYSTEM NEOPLASMS

Less is better. The diagnostic workup of the patient with obstructive jaundice. Olen R, et al. Arch Surg 1989 Jul; 124(7):791–4; discussion 794–5
An analysis of the reduced morbidity and mortality rates after pancreaticoduodenectomy. Pellegrini CA, et al. Arch Surg 1989 Jul;124(7):778–81

DIGITALIS GLYCOSIDES

Sympathoinhibitory responses to digitalis glycosides in heart failure patients. Direct evidence from sympathetic neural recordings. Ferguson DW, et al. Circulation 1989 Jul; 80(1):65–77

DIGOXIN

Interpretation of elevated postmortem serum concentrations of digoxin in infants and children. Koren G, et al. Arch Pathol Lab Med 1989 Jul;113(7):758–61
Interphase cytogenetics using biotin and digoxigenin labelled probes I: relative sensitivity of both reporter molecules for detection of HPV16 in CaSki cells. Herrington CS, et al. J Clin Pathol 1989 Jun;42(6):592–600
Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. Herrington CS, et al. J Clin Pathol 1989 Jun;42(6):601–6
Digoxin: new answers; new questions. Lancet 1989 Jul 8; 2(8654):79–80 (21 ref.)

DIHYDROPYRIDINES

Calcium blocker lacidipine and carotid arteriolar vasodilation in healthy volunteers. Safar M, et al. Clin Pharmacol Ther 1989 Jul;46(1):94–8

DIHYDROXYCHOLECALCIFEROLS

Recurring hypocalcemia of bovine parturient paresis is associated with failure to produce 1,25-dihydroxyvitamin D. Goff JP, et al. Endocrinology 1989 Jul;125(1):49–53

DILATATION

Cuff dilatation of a tracheostomy pack [letter] Madden AP. Anaesthesia 1989 May;44(5):450

DILATATION AND CURETTAGE

Transcervical uterine cultures with a new endometrial suction curette: a comparison of three sampling methods in postpartum endometritis. Martens MG, et al. Obstet Gynecol 1989 Aug;74(2):273–6

DILTIAZEM

Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Luurila OJ, et al. Am J Cardiol 1989 Jul 1; 64(1):97–9
Diltiazem-induced parkinsonism. Dick RS, et al. Am J Med 1989 Jul;87(1):95–6
Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Schmeling WT, et al. Anesth Analg 1989 Jul;69(1):870–80

DINOPROST

Acute ozone exposure increases plasma prostaglandin F2 alpha in ozone-sensitive human subjects. Schelegle ES, et al. Am Rev Respir Dis 1989 Jul;140(1):211–6
The antigonadotropic action of prostaglandin F2 alpha is not mediated by elevated cytosolic calcium levels in rat luteal cells. Pepperell JR, et al. Endocrinology 1989 Jul; 125(1):144–51

DINOPROSTONE

Sensitivity of the human cough reflex: effect of inflammatory mediators prostaglandin E2, bradykinin, and histamine. Choudry NB, et al. Am Rev Respir Dis 1989 Jul; 140(1):137–41
CHILD syndrome. Phenotypic dichotomy in eicosanoid metabolism and proliferative rates among cultured dermal fibroblasts. Goldyne ME, et al. J Clin Invest 1989 Jul; 84(1):357–60
Preincubation of human synovial cells with IL-1 modulates prostaglandin E2 release in response to bradykinin. Bathon JM, et al. J Immunol 1989 Jul 15;143(2):579–86
Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. Heidenreich S, et al. J Immunol 1989 Aug 15; 143(4):1198–205
Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. Kumkumian GK, et al. J Immunol 1989 Aug 1;143(3):833–7
Plasminogen activator and prostaglandin E2 levels in human synovial fibroblasts. Differential stimulation by synovial activator and other cytokines. Leizer T, et al. J Immunol 1989 Aug 1;143(3):971–8

DIOXINS

Dioxins in cigarette smoke. Muto H, et al. Arch Environ Health 1989 May-Jun;44(3):171–4

DIPHOSPHONATES

Effects of aminobisphosphonate infusion on biochemical indices of bone metabolism in rheumatoid arthritis. Tan PL, et al. Br J Rheumatol 1989 Aug;28(4):325–8
Side-effects of pamidronate [letter] Gallacher SJ, et al. Lancet 1989 Jul 1;2(8653):42–3

DIPHTHERIA TOXOID

Optimum needle length for diphtheria-tetanus-pertussis inoculation of infants. Hick JF, et al. Pediatrics 1989 Jul; 84(1):136–7

DIPYRIDAMOLE

Role of myocardial oxygen consumption in dipyridamole-induced ischemia. Picano E, et al. Am Heart J 1989 Aug;118(2):314–9
Prognostic value of intravenous dipyridamole thallium scintigraphy after an acute myocardial ischemic event. Younis LT, et al. Am J Cardiol 1989 Jul 15;64(3):161–6
Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. Lancet 1989 Jul 1;2(8653):1–7

DISABILITY EVALUATION

Evaluation of impairment/disability secondary to respiratory disorders. American Thoracic Society. Am Rev Respir Dis 1986 Jun;133(6):1205–9 (Eng, Eng)
Quantifying postoperative deficits of physical function following spinal surgery. Mayer TG, et al. Clin Orthop 1989 Jul;(244):147–57

DISACCHARIDES

High antibody levels against mouse laminin with specificity for galactosyl-(alpha 1-3)galactose in patients with inner ear diseases. Klein R, et al. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):537–42

DISASTERS

Psychiatric intervention after disaster [editorial] Lancet 1989 Jul 15;2(8655):138
Hurricane Gilbert anaemia [letter] Readett DR, et al. Lancet 1989 Jul 8;2(8654):101–2
Dialysis relief effort for Armenia [letter] Rosansky SJ, et al. N Engl J Med 1989 Jul 27;321(4):264–5

DISEASE

Depression and medical illness. Petty F. Am J Med Sci 1989 Jul;298(1):59–68
Size and disease [editorial] Hostetter TH. J Lab Clin Med 1989 Jul;114(1):4–5
Origins of recognizable syndromes: etiologic and pathogenetic mechanisms and the process of syndrome delineation. Cohen MM Jr, et al. J Pediatr 1989 Jul; 115(1):161–4

DISEASE MODELS, ANIMAL

Size and disease [editorial] Hostetter TH. J Lab Clin Med 1989 Jul;114(1):4–5
Development of an in vivo model for assessment of drug-induced vascular injury. Johnson JV, et al. J Oral Maxillofac Surg 1989 Aug;47(8):819–22

DISEASE OUTBREAKS

Two episodes of acute illness in a machine shop. Sinks T, et al. Am J Public Health 1989 Aug;79(8):1024–8
Outbreaks of salmonella infection in hospitals in England and Wales 1978–87. Joseph CA, et al. BMJ 1989 Apr 29; 298(6681):1161–4
Outbreak of HIV seropositivity among commercial plasma donors in Pune, India [letter] Banerjee K, et al. Lancet 1989 Jul 15;2(8655):166
Outbreak of beri-beri in The Gambia. Tang CM, et al. Lancet 1989 Jul 22;2(8656):206–7
An outbreak of shigellosis associated with the consumption of raw oysters. Reeve G, et al. N Engl J Med 1989 Jul 27;321(4):224–7
Epidemic of restaurant-associated illness due to Salmonella newport. Narain JP, et al. South Med J 1989 Jul; 82(7):837–40

DISEASES IN TWINS

Carotid arteriosclerosis in identical twins discordant for cigarette smoking. Haapanen A, et al. Circulation 1989 Jul; 80(1):10–6
Congenital hypothyroidism and monoamniotic twins [letter] de Zegher F, et al. Lancet 1989 Jul 15;2(8655):169–70
Narcoleptic twins [letter] Carlson SE. Neurology 1989 Jul; 39(7):1005–6

DISLOCATIONS

Grisel's syndrome. Cervical spine clinical, pathologic, and neurologic manifestations. Mathern GW, et al. Clin Orthop 1989 Jul;(244):131–46 (52 ref.)
Fractures and Fracture-Dislocations of the Tarsometatarsal Joint [letter] Harper MC. J Bone Joint Surg [Am] 1989 Jul;71(6):952–3
TMJ arthroscopic surgery: an analysis of 237 patients. Moses JJ, et al. J Oral Maxillofac Surg 1989 Aug;47(8):790–4
Cervical injuries—perils of the swimmer's view: case report. Davis JW. J Trauma 1989 Jun;29(6):891–3
An overlapping pubic dislocation treated by closed reduction: case report and review of the literature. Robinson D, et al. J Trauma 1989 Jun;29(6):883–5 (6 ref.)
Floating dislocated elbow: case report and review of the literature. Viegas SF, et al. J Trauma 1989 Jun;29(6):886–8 (13 ref.)

DISOPYRAMIDE

Desipramine isn't when it's disopyramide [letter] Garvey CW. JAMA 1989 Jul 14;262(2):210

DISPOSABLE EQUIPMENT

Disposable equipment and environmental pollution [letter] Cheng TO. J Am Coll Cardiol 1989 Jul;14(1):264

DISULFIRAM

'Catatonia' due to disulfiram toxicity. Fisher CM. Arch Neurol 1989 Jul;46(7):798–804

DITERPENES

Selective abrogation of alloreactivity via priming in the presence of aphidicolin, a specific inhibitor of DNA polymerase. Morecki S, et al. J Immunol 1989 Aug 1; 143(3):838–43

DIVERTICULOSIS

Congenital ureteric diverticula in children and adults: classification, radiological and clinical features. Sarajlić M, et al. Br J Radiol 1989 Jun;62(738):551–3
Duodenal diverticulum as cause of cyclic vomiting [letter] Meyers FA, et al. Dig Dis Sci 1989 Jul;34(7):1148–9
Pseudodiverticulum of the bladder: an unusual complication of pelvic trauma. Lastarria E, et al. J Urol 1989 Aug;142(2):372–3

DIVING

Pregnancy and travel: the risks of hepatitis and scuba diving [letter] JAMA 1989 Jul 28;262(4):497–8

DIZZINESS

Understanding the dizzy patient. A challenge to primary care physicians. Bowen JD, et al. J Fam Pract 1989 Jul; 29(1):30–2
Dizziness in primary care. Results from the National Ambulatory Medical Care Survey. Sloane PD. J Fam Pract 1989 Jul;29(1):33–8

DNA

Characterization of Giardia isolates using a non-radiolabeled DNA probe, and correlation with the results of isoenzyme analysis. Meloni BP, et al. Am J Trop Med Hyg 1989 Jun; 40(6):629–37
DNA synthesis in estrogen receptor-positive human breast cancer takes place preferentially in estrogen receptor-negative cells. Ballare C, et al. Cancer 1989 Aug 15;64(4):842–8
Platelet-derived growth factor enhances deoxyribonucleic acid and collagen synthesis in osteoblast-enriched cultures from fetal rat parietal bone. Centrella M, et al. Endocrinology 1989 Jul;125(1):13–9
Parathyroid hormone-related protein modulates the effect

of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):199–208
Immunolocalization of renal mineralocorticoid receptors with an antiserum against a peptide deduced from the complementary deoxyribonucleic acid sequence. Krozowski ZS, et al. **Endocrinology** 1989 Jul;125(1):192–8
DNA and the duomo: reflections on the two cultures. Weissmann G. **Hosp Pract [Off]** 1989 Jul 15;24(7):121, 124, 127–8 passim
Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):601–6
Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. Barker RL, et al. **J Immunol** 1989 Aug 1;143(3):952–5
Analysis of variable region genes encoding a human anti-DNA antibody of normal origin. Implications for the molecular basis of human autoimmune responses. Cairns E, et al. **J Immunol** 1989 Jul 15;143(2):685–91
Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily. Tedder TF, et al. **J Immunol** 1989 Jul 15;143(2):712–7
The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. Hellstrom WJ, et al. **J Urol** 1989 Aug;142(2):309–12

DNA, NEOPLASM

Chromosome studies in thyroid neoplasia. Bondeson L, et al. **Cancer** 1989 Aug 1;64(3):680–5
DNA aneuploidy and cell proliferation in breast tumors. Christov K, et al. **Cancer** 1989 Aug 1;64(3):673–9
Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Kaketani K, et al. **Cancer** 1989 Aug 15;64(4):887–91
Predictive value of DNA measurements in bladder washings. Comparison of flow cytometry, image cytophotometry, and cytology in patients with a past history of urothelial tumors. Koss LG, et al. **Cancer** 1989 Aug 15;64(4):916–24
Oncogenes and genetic abnormalities in lung cancer. Carney DN. **Chest** 1989 Jul;96(1 Suppl):25S–27S (20 ref.)
Genetic events in the pathogenesis of lung cancer. Minna JD. **Chest** 1989 Jul;96(1 Suppl):17S–23S (126 ref.)
Factors possibly affecting the degree of malignancy in adenocarcinoma of the lung. DNA content and bromodeoxyuridine (BrdU) labeling index. Shimosato Y, et al. **Chest** 1989 Jul;96(1 Suppl):37S–38S
Flow cytometric evaluation of bronchoscopic washings and lavage fluid for DNA aneuploidy as an adjunct in the diagnosis of lung cancer and tumors metastatic to the lung. Yoss EB, et al. **Chest** 1989 Jul;96(1):54–9
Influence of cellular DNA content on survival in ovarian carcinoma. Klemi PJ, et al. **Obstet Gynecol** 1989 Aug; 74(2):200–4

DNA POLYMERASE II

Selective abrogation of alloreactivity via priming in the presence of aphidicolin, a specific inhibitor of DNA polymerase. Morecki S, et al. **J Immunol** 1989 Aug 1; 143(3):838–43

DNA PROBES

Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):601–6
Interphase cytogenetics using biotin and digoxigenin labelled probes I: relative sensitivity of both reporter molecules for detection of HPV16 in CaSki cells. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):592–600

DNA REPAIR

Molecular mechanisms in chemically induced cancer. O'Connor PJ. **Chest** 1989 Jul;96(1 Suppl):24S–25S (13 ref.)

DNA, VIRAL

Increased frequency of detection of human papillomavirus deoxyribonucleic acid in exfoliated cervical cells during pregnancy. Rando RF, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):50–5
CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. Kawa-Ha K, et al. **J Clin Invest** 1989 Jul;84(1):51–5
Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):601–6

DOBUTAMINE

The effect of dobutamine on myocardial performance and high-energy phosphate metabolism at different stages of heart failure in cardiomyopathic hamsters: a 31P MRS study. Buser PT, et al. **Am Heart J** 1989 Jul;118(1):86–91
Comparison of hemodynamic and oxygen transport effects of dopamine and dobutamine in critically ill surgical patients. Shoemaker WC, et al. **Chest** 1989 Jul;96(1):120–6

DOG DISEASES

Mode of inheritance of Perthes' disease in Manchester terriers. Vasseur PB, et al. **Clin Orthop** 1989 Jul; (244):281–92

DOMINANCE, CEREBRAL

Bilateral analysis of the knee and ankle during gait: an examination of the relationship between lateral dominance and symmetry. Gundersen LA, et al. **Phys Ther** 1989 Aug; 69(8):640–50

DOPAMINE

Dopamine blockade and clinical response: evidence for two biological subgroups of schizophrenia. Wolkin A, et al. **Am J Psychiatry** 1989 Jul;146(7):905–8
Comparison of hemodynamic and oxygen transport effects of dopamine and dobutamine in critically ill surgical patients. Shoemaker WC, et al. **Chest** 1989 Jul;96(1):120–6

DOSE-RESPONSE RELATIONSHIP, DRUG

Study designs for dose-ranging. Sheiner LB, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):63–77

DOWN'S SYNDROME

Congenital anomalies of the eustachian tube in Down syndrome. Histopathologic case report. Shibahara Y, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):543–7
Neuron-binding antibodies in Alzheimer's disease and Down's syndrome. Franceschi M, et al. **J Gerontol** 1989 Jul;44(4):M128–30
Second trimester screening for trisomy 21 [letter] Osathanondh R, et al. **Lancet** 1989 Jul 1;2(8653):52
Presenile dementia associated with mosaic trisomy 21 in a patient with a Down syndrome child [letter] Rowe IF, et al. **Lancet** 1989 Jul 22;2(8656):229

DOXORUBICIN

Early detection of doxorubicin cardiotoxicity: interest of Doppler echocardiographic analysis of left ventricular filling dynamics. Marchandise B, et al. **Am Heart J** 1989 Jul;118(1):92–8
Perioperative cardiovascular collapse in a patient previously treated with doxorubicin [letter] Hickey PR. **Anesth Analg** 1989 Jul;69(1):1004–5
Adriamycin-induced resistance to natural killer (NK)-mediated cytotoxicity. Wood WJ Jr, et al. **Cancer** 1989 Jul 15;64(2):396–403

DOXYCYCLINE

Randomized treatment of mucopurulent cervicitis with doxycycline or amoxicillin. Paavonen J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):128–35

DRAINAGE

Results of silicone oil removal in advanced proliferative vitreoretinopathy. Zilis JD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):15–21
A comparative evaluation of percutaneous catheter drainage for resistant amebic liver abscesses. Singh JP, et al. **Am J Surg** 1989 Jul;158(1):58–62
Endoscopic drainage for suppurative cholangitis [letter] Cotton PB. **Lancet** 1989 Jul 22;2(8656):213
Drainage of malignant effusions [letter] Mansi JL, et al. **Lancet** 1989 Jul 1;2(8653):43
Relative effects of bronchial drainage and exercise for in-hospital care of patients with cystic fibrosis. Cerny FJ. **Phys Ther** 1989 Aug;69(8):633–9
Percutaneous drainage and feeding gastrostomies in 100 patients. O'Keeffe F, et al. **Radiology** 1989 Aug; 172(2):341–3
Pleural block: technique for regional anesthesia during percutaneous hepatobiliary drainage. Rosenblatt M, et al. **Radiology** 1989 Jul;172(1):279–80

DROWNING

Pseudallescheria boydii brain abscess: association with near-drowning and efficacy of high-dose, prolonged miconazole therapy in patients with multiple abscesses. Dworzack DL, et al. **Medicine (Baltimore)** 1989 Jul; 68(4):218–24

DRUG CONTAMINATION

Pesticide in lanolin [letter] Cade PH. **JAMA** 1989 Aug 4; 262(5):613

DRUG EVALUATION

"Pilot" studies [letter] Nelson JE. **Ann Intern Med** 1989 Jul 15;111(2):188–9

DRUG HYPERSENSITIVITY

Phenytoin-induced acute respiratory failure with pulmonary eosinophilia. Mahatma M, et al. **Am J Med** 1989 Jul; 87(1):93–4
An unforeseen complication of home parenteral antibiotic therapy. Burks JH, et al. **Arch Intern Med** 1989 Jul; 149(7):1603–4
Gold-naproxen pneumonitis. A toxic drug interaction? McFadden RG, et al. **Chest** 1989 Jul;96(1):216–8

DRUG LABELING

Imprecise fentanyl and sufentanil labels [letter] Kennedy RW, et al. **Anesth Analg** 1989 Jul;69(1):1003–4

DRUG PACKAGING

Imprecise fentanyl and sufentanil labels [letter] Kennedy RW, et al. **Anesth Analg** 1989 Jul;69(1):1003–4

DRUG RESISTANCE, MICROBIAL

Therapy for shigellosis [letter] Kaya IS, et al. **J Pediatr** 1989 Jul;115(1):168–9

DRUG SCREENING ASSAYS, ANTITUMOR

Innovative chemotherapy. Xenografts and in vitro drug sensitivity testing. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):56S–59S (18 ref.)

DRUG THERAPY

Measuring therapeutic risk [editorial] **Lancet** 1989 Jul 15; 2(8655):139–40
Management of drug therapy in the elderly. Montamat SC, et al. **N Engl J Med** 1989 Aug 3;321(5):303–9 (78 ref.)

DRUG UTILIZATION

Outpatient antiarrhythmic drug use from 1970 through 1986. Hine LK, et al. **Arch Intern Med** 1989 Jul;149(7):1524–7
Physicians investigated for inappropriate prescribing by the Oregon Board of Medical Examiners. Kofoed L, et al. **West J Med** 1989 May;150(5):597–601

DRUGS

Drugs in donated blood. Ferner RE, et al. **Lancet** 1989 Jul 8;2(8654):93–4

DRY EYE SYNDROMES

The effect of wearing spectacles on the humidity of the eye. Tsubota K. **Am J Ophthalmol** 1989 Jul 15;108(1):92–3

DTPA

Contrast enhancement in spinal MR imaging. Breger RK, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):387–91
Contrast-enhanced magnetic resonance imaging of cardiac tumors in children. Niwa K, et al. **Am Heart J** 1989 Aug; 118(2):424–5
Unenhanced and gadolinium-DTPA-enhanced MR imaging in postoperative evaluation in pediatric brain tumors. Dickman CA, et al. **J Neurosurg** 1989 Jul;71(1):49–53
Extracranial lesions of the head and neck: preliminary experience with Gd-DTPA-enhanced MR imaging. Robinson JD, et al. **Radiology** 1989 Jul;172(1):165–70

DUCTUS ARTERIOSUS

Doppler echocardiographic assessment of shunting via the ductus arteriosus in newborn infants. Milne MJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):102–5

DUCTUS ARTERIOSUS, PATENT

Percutaneous catheter closure of the ductus arteriosus in children and young adults. Ali Khan MA, et al. **Am J Cardiol** 1989 Jul 15;64(3):218–21
Indications for surgery based on lung biopsy in cases of ventricular septal defect and/or patent ductus arteriosus with severe pulmonary hypertension. Yamaki S, et al. **Chest** 1989 Jul;96(1):31–9

DUODENAL DISEASES

Primary aortoduodenal fistula. Diagnosis by computed tomography. Ibrahim IM, et al. **Arch Surg** 1989 Jul; 124(7):870–1
Duodenal diverticulum as cause of cyclic vomiting [letter] Meyers FA, et al. **Dig Dis Sci** 1989 Jul;34(7):1148–9

DUODENAL OBSTRUCTION

Shock-wave therapy of gastric outlet syndrome caused by a gallstone. Holl J, et al. **Gastroenterology** 1989 Aug; 97(2):472–4

DUODENAL ULCER

A prospective study of intraoperative histologic antrum-corpus boundary in patients undergoing highly selective vagotomy for duodenal ulcer [letter] Donahue PE, et al. **Am J Surg** 1989 Jul;158(1):79–80
Nonoperative treatment of perforated duodenal ulcer. Berne TV, et al. **Arch Surg** 1989 Jul;124(7):830–2
Operative mortality after perforated peptic ulcer. Ball AB, et al. **Br J Surg** 1989 May;76(5):521–2
Low bedtime doses of H2-receptor antagonists for acute treatment of duodenal ulcer. Savarino V, et al. **Dig Dis Sci** 1989 Jul;34(7):1043–6
Blocked and nonblocked acid secretion and reported pain in ulcer, nonulcer dyspepsia, and normal subjects. Bates S, et al. **Gastroenterology** 1989 Aug;97(2):376–83
Duodenal bulb acidity and the natural history of duodenal ulceration. Kerrigan DD, et al. **Lancet** 1989 Jul 8; 2(8654):61–3

DUODENOGASTRIC REFLUX

Clinical and histological sequelae of Roux-en-Y diversion. Hollands MJ, et al. **Br J Surg** 1989 May;76(5):481–4
Relationship of Campylobacter pylori and duodenogastric reflux. Niemelä S, et al. **Dig Dis Sci** 1989 Jul;34(7):1021–4
Cisapride stimulates antral motility and decreases biliary reflux in patients with severe dyspepsia. Rezende-Filho J, et al. **Dig Dis Sci** 1989 Jul;34(7):1057–62

DUODENUM

Postprandial plasma gastrin and secretin concentrations after a pancreatoduodenectomy. A comparison between a pylorus-preserving pancreatoduodenectomy and the Whipple procedure. Takada T, et al. **Ann Surg** 1989 Jul; 210(1):47–51
An analysis of the reduced morbidity and mortality rates after pancreaticoduodenectomy. Pellegrini CA, et al. **Arch Surg** 1989 Jul;124(7):778–81
Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329–32
Epidermal growth factor increases intestinal calbindin-D9k and 1,25-dihydroxyvitamin D receptors in neonatal rats. Bruns DE, et al. **Endocrinology** 1989 Jul;125(1):478–85
Stimulation of duodenal mucosal bicarbonate secretion in the rat by brain peptides. Flemström G, et al. **Gastroenterology** 1989 Aug;97(2):412–20
Duodenal bulb acidity and the natural history of duodenal ulceration. Kerrigan DD, et al. **Lancet** 1989 Jul 8; 2(8654):61–3
Celiac sprue: another endoscopic view [letter] Jabbari M, et al. **N Engl J Med** 1989 Jul 27;321(4):263–4

DURA MATER

Fluid flow through dural puncture sites. An in vitro comparison of needle point types. Cruickshank RH, et al. **Anaesthesia** 1989 May;44(5):415–8
The effect of cerebrospinal fluid pressure on dural venous pressure in young rats. Jones HC, et al. **J Neurosurg** 1989 Jul;71(1):119–23

DUST

Respiratory disease and lung function in a tobacco industry. Kjaergaard SK, et al. **Arch Environ Health** 1989 May-Jun; 44(3):164–70
Protease antigens from house dust mite [letter] Stewart GA, et al. **Lancet** 1989 Jul 15;2(8655):154–5

DWARFISM

Velázquez' dwarfs: a profusion of diagnoses [letter] **JAMA** 1989 Jul 21;262(3):349–50
Slipped capital femoral epiphysis associated with Russell-Silver syndrome. Limbird TJ. **South Med J** 1989 Jul;82(7):902–4

DYSENTERY, BACILLARY

Therapy for shigellosis [letter] Kaya IS, et al. **J Pediatr** 1989 Jul;115(1):168–9
Shigellosis in adults: epidemiologic, clinical, and laboratory features. Halpern Z, et al. **Medicine (Baltimore)** 1989 Jul; 68(4):210–7
An outbreak of shigellosis associated with the consumption of raw oysters. Reeve G, et al. **N Engl J Med** 1989 Jul 27;321(4):224–7

DYSGERMINOMA

A study of post-orchiectomy surveillance in stage I testicular seminoma. Thomas GM, et al. **J Urol** 1989 Aug;142(2):313–6
CSF placental alkaline phosphatase as marker in cranial dysgerminoma [letter] Ramakrishnan S, et al. **Lancet** 1989 Jul 22;2(8656):225
Stage II seminoma: results of postorchiectomy irradiation. Sagerman RH, et al. **Radiology** 1989 Aug;172(2):565–8

DYSKINESIA, DRUG-INDUCED

Informed consent and tardive dyskinesia. Kleinman I, et al. **Am J Psychiatry** 1989 Jul;146(7):902–4
Tardive dyskinesia in Italy: preliminary findings [letter] Muscettola G, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):754–5
Saccadic distractibility in schizophrenic patients with tardive dyskinesia [letter] Thaker GK, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):755–6

DYSMENORRHEA

TENS study concerns [letter] Nolan MF. **Phys Ther** 1989 Jul;69(7):621–3

DYSPEPSIA

Cisapride stimulates antral motility and decreases biliary reflux in patients with severe dyspepsia. Rezende-Filho J, et al. **Dig Dis Sci** 1989 Jul;34(7):1057–62
Blocked and nonblocked acid secretion and reported pain in ulcer, nonulcer dyspepsia, and normal subjects. Bates S, et al. **Gastroenterology** 1989 Aug;97(2):376–83

DYSPNEA

Changes in dyspnea-fatigue ratings as indicators of quality of life in the treatment of congestive heart failure. Feinstein AR, et al. **Am J Cardiol** 1989 Jul 1;64(1):50–5
Reversibility of upper airway obstruction after levodopa therapy in Parkinson's disease. Vincken WG, et al. **Chest** 1989 Jul;96(1):210–2
Chest pain and dyspnea related to "crack" cocaine smoking: value of chest radiography. Eurman DW, et al. **Radiology** 1989 Aug;172(2):459–62

DYSTONIA

Neuroleptic-induced dystonia [letter] Simpson GM, et al. **Am J Psychiatry** 1989 Jul;146(7):945
Dystonia related to cocaine withdrawal: a case report and pathogenic hypothesis. Choy-Kwong M, et al. **Neurology** 1989 Jul;39(7):996–7
Continuous levodopa infusions to treat complex dystonia in Parkinson's disease. Sage JI, et al. **Neurology** 1989 Jul; 39(7):888–91

EAR

Development of an in vivo model for assessment of drug-induced vascular injury. Johnson JV, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):819–22
Comparison of effects of transcutaneous electrical nerve stimulation of auricular, somatic, and the combination of auricular and somatic acupuncture points on experimental pain threshold. Lein DH Jr, et al. **Phys Ther** 1989 Aug; 69(8):671–8

EAR CANAL

Pleomorphic adenoma of the external auditory canal. An immunohistochemical and ultrastructural study. Collins RJ, et al. **Cancer** 1989 Aug 15;64(4):870–5 (20 ref.)

EAR DISEASES

Treatment of labyrinthine fistula. Palva T, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):804–6

EAR, EXTERNAL

Ear models [letter] Rueckert F. **Plast Reconstr Surg** 1989 Aug;84(2):370

EAR, MIDDLE

Cholesterol granulomas of the middle ear cavities: MR imaging. Martin N, et al. **Radiology** 1989 Aug;172(2):521–5

EAR NEOPLASMS

Otologic manifestations of Langerhans' cell histiocytosis. Cunningham MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):807–13
Pleomorphic adenoma of the external auditory canal. An immunohistochemical and ultrastructural study. Collins RJ, et al. **Cancer** 1989 Aug 15;64(4):870–5 (20 ref.)

EARLY AMBULATION

Orthopaedic Management of High-Level Spina Bifida. Early Walking Compared With Early Use of a Wheelchair [letter] Lynn MD. **J Bone Joint Surg [Am]** 1989 Jul;71(6):953

EATING

Accuracy of food portion estimation by overweight and normal-weight subjects. Blake AJ, et al. **J Am Diet Assoc** 1989 Jul;89(7):962–4
Transitional feeding: the relationship between nutritional intake and plasma protein concentrations. Winkler MF, et al. **J Am Diet Assoc** 1989 Jul;89(7):969–70
Effect of feeding and obesity on lipoprotein lipase activity, immunoreactive protein, and messenger RNA levels in human adipose tissue. Ong JM, et al. **J Clin Invest** 1989 Jul;84(1):305–11

EATING DISORDERS

Interleukin-1-induced anorexia in the rat. Influence of prostaglandins. Hellerstein MK, et al. **J Clin Invest** 1989 Jul;84(1):228–35

ECHOCARDIOGRAPHY

Accuracy and reproducibility of clinically acquired two-dimensional echocardiographic mass measurements. Byrd BF 3d, et al. **Am Heart J** 1989 Jul;118(1):133–7
Abnormal left ventricular-left atrial posterior wall contour: a new two-dimensional echocardiographic sign in constrictive pericarditis. D'Cruz IA, et al. **Am Heart J** 1989 Jul;118(1):128–32
Bilateral atrial myxomas detected by transesophageal two-dimensional echocardiography. Dittmann H, et al. **Am Heart J** 1989 Jul;118(1):172–3
Presbyesophagus masquerading as an extracardiac mass on echocardiography. Hoit BD, et al. **Am Heart J** 1989 Aug; 118(2):419–21
Instantaneous transmitral flow using Doppler and M-mode echocardiography: comparison with radionuclide ventriculography. Hoit BD, et al. **Am Heart J** 1989 Aug; 118(2):308–14
Early detection of doxorubicin cardiotoxicity: interest of Doppler echocardiographic analysis of left ventricular filling dynamics. Marchandise B, et al. **Am Heart J** 1989 Jul;118(1):92–8
Clinical and ultrasound results after aortic valve replacement: intermediate-term follow-up with the St. Jude Medical prosthesis. Montalescot G, et al. **Am Heart J** 1989 Jul; 118(1):104–13
Coronary artery aneurysms: a transesophageal echocardiographic study. Tunick PA, et al. **Am Heart J** 1989 Jul;118(1):176–9
Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Bansal RC, et al. **Am J Cardiol** 1989 Jul 15;64(3):243–6
Two-dimensional echocardiography and Doppler findings in cerebral arteriovenous malformation. Starc TJ, et al. **Am J Cardiol** 1989 Jul 15;64(3):252–4
An echocardiographic and anatomic description of the donor-recipient atrial anastomosis after orthotopic cardiac transplantation. Starling RC, et al. **Am J Cardiol** 1989 Jul 1;64(1):109–11
Echocardiographic detection of an infected superior vena caval thrombus presenting as a right atrial mass. Dick AE, et al. **Chest** 1989 Jul;96(1):212–4
Transesophageal echocardiography. New window to the heart. Currie PJ. **Circulation** 1989 Jul;80(1):215–7
Ambulatory follow-up of aortic dissection by transesophageal two-dimensional and color-coded Doppler echocardiography. Mohr-Kahaly S, et al. **Circulation** 1989 Jul;80(1):24–33
Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. Bittl JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):135–42

ECHOCARDIOGRAPHY, DOPPLER

Left coronary artery-to-pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Moises VA, et al. **Am Heart J** 1989 Aug;118(2):407–10
Doppler ultrasound in the prediction of pressure gradients across aortic coarctation. Rao PS, et al. **Am Heart J** 1989 Aug;118(2):299–307
Doppler echocardiographic measurement of low velocity motion of the left ventricular posterior wall. Isaaz K, et al. **Am J Cardiol** 1989 Jul 1;64(1):66–75
A new Doppler method of assessing left ventricular ejection force in chronic congestive heart failure. Isaaz K, et al. **Am J Cardiol** 1989 Jul 1;64(1):81–7
Doppler echocardiographic assessment of shunting via the ductus arteriosus in newborn infants. Milne MJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):102–5
Two-dimensional echocardiography and Doppler findings in cerebral arteriovenous malformation. Starc TJ, et al. **Am J Cardiol** 1989 Jul 15;64(3):252–4
Influence of age on Doppler echocardiographic indices of left ventricular diastolic function [letter] Abinader EG, et al. **Br Heart J** 1989 May;61(5):483
Ambulatory follow-up of aortic dissection by transesophageal two-dimensional and color-coded Doppler echocardiography. Mohr-Kahaly S, et al. **Circulation** 1989 Jul;80(1):24–33
Tricuspid valve repair. Operative and follow-up evaluation by Doppler color flow mapping. Czer LS, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):101–10; discussion 110–1
Intraoperative prebypass and postbypass epicardial color flow imaging in the repair of atrioventricular septal defects. Ungerleider RM, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):90–9; discussion 99–100

ECHOVIRUS INFECTIONS

Echovirus 6 encephalitis in a preterm baby [letter] Blokziji ML, et al. **Lancet** 1989 Jul 15;2(8655):164–5

ECONOMICS

The external costs of a sedentary life-style. Keeler EB, et al. **Am J Public Health** 1989 Aug;79(8):975–81
Financing equipment: lessors, vendors offset risk. Souhrada L. **Hospitals** 1989 Jul 5;63(13):65
Competition and hospital costs [letter] Friedman B, et al. **JAMA** 1989 Aug 4;262(5):616–7
Competition, regulation, and hospital cost [letter] Mendelson DN. **JAMA** 1989 Jul 21;262(3):353

ECONOMICS, HOSPITAL

Investing locally may lower profits. Larkin H. **Hospitals** 1989 Jul 5;63(13):32–3
Greater budget battles ahead [interview by Michele Robinson] Rettig PC. **Hospitals** 1989 Jul 5;63(13):60–2
Hospitals faced with declining Part B payments. Robinson ML. **Hospitals** 1989 Jul 5;63(13):22–5
Part B reform: is it the answer for hospitals? Robinson ML. **Hospitals** 1989 Jul 5;63(13):25–6
The 1987 US hospital AIDS survey. Andrulis DP, et al. **JAMA** 1989 Aug 11;262(6):784–94
Competition and hospital costs [letter] Friedman B, et al. **JAMA** 1989 Aug 4;262(5):616–7
Competition, regulation, and hospital cost [letter] Mendelson DN. **JAMA** 1989 Jul 21;262(3):353

ECONOMICS, MEDICAL

They call it competition. Presidential address. Block MA. **Arch Surg** 1989 Jul;124(7):771–7
Conflicts of interest. Profits and problems in physician referrals. Morreim EH. **JAMA** 1989 Jul 21;262(3):390–4
Economics for medical students [editorial] **Lancet** 1989 Jul 22;2(8656):200

EDROPHONIUM

Dose-response relationships for edrophonium and neostigmine as antagonists of atracurium and vecuronium neuromuscular blockade. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):37–43

EDTA

Occlusive and reperfused myocardial infarcts: differentiation with Mn-DPDP—enhanced MR imaging. Saeed M, et al. **Radiology** 1989 Jul;172(1):59–64

EDUCATION, CONTINUING

New project to help practitioner competence. Dougherty DA, et al. **J Am Diet Assoc** 1989 Jul;89(7):977–8
Section educational opportunities [letter] Johnson GR. **Phys Ther** 1989 Aug;69(8):702

EDUCATION, MEDICAL

Assessing Change in Medical Education (ACME). Kettel LJ. **Acad Med** 1989 Jul;64(7):378–9
Native Americans in medicine: the need for Indian healers. Prieto DO. **Acad Med** 1989 Jul;64(7):388–9
Remodeling the house of academe [editorial] Petersdorf RG. **JAMA** 1989 Aug 11;262(6):826
Academic medicine as a public trust. Schroeder SA, et al. **JAMA** 1989 Aug 11;262(6):803–12 (107 ref.)
MCAT responds to changes in medical education and physician practice. Swanson A, et al. **JAMA** 1989 Jul 14; 262(2):261–3

EDUCATION, MEDICAL, GRADUATE

List of available training programs. **Gastroenterology** 1989 Aug;97(2):518–49

EDUCATION, MEDICAL, UNDERGRADUATE

Scheduling algorithm for electives [letter] Block FE, et al. **Acad Med** 1989 Jul;64(7):391
Teaching third-year medical students how to care for terminally ill patients. Martin RW 3d, et al. **Acad Med** 1989 Jul;64(7):413–4
Short stories about doctors and patients: a course [letter] Ness DE. **Acad Med** 1989 Jul;64(7):390–1
A four-year career and residency advising program. Pethtel L. **Acad Med** 1989 Jul;64(7):417
Economics for medical students [editorial] **Lancet** 1989 Jul 22;2(8656):200

EDUCATION, NURSING

American nursing's first textbooks. Flaumenhaft E, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):185–8
A little more nursing homework [editorial] Kelly LS. **Nurs Outlook** 1989 Jul-Aug;37(4):163
Legal content in the nursing curriculum: what students need and how to provide it. Northrop CE. **Nurs Outlook** 1989 Jul-Aug;37(4):200
Admission criteria for handicapped students. Weatherby F, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):179–81

EDUCATION, NURSING, BACCALAUREATE

Get the most from your preceptorship program. Davis LL, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):167–71
Can caring behavior be taught? Forsyth D, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):164–6

EDUCATION, NURSING, CONTINUING

The future of nursing continuing education. Newbern VB. **Nurs Outlook** 1989 Jul-Aug;37(4):182–4

EDUCATION, NURSING, GRADUATE

Mentor-protégé relationships: a critical element in affirmative action. Weekes DP. **Nurs Outlook** 1989 Jul-Aug; 37(4):156–7

EDUCATIONAL MEASUREMENT

Admission criteria for handicapped students. Weatherby F, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):179–81
In-training examinations as predictors of resident clinical performance. Quattlebaum TG, et al. **Pediatrics** 1989 Jul; 84(1):165–72

EDUCATIONAL STATUS

Fall in association of height with intelligence and educational level. Teasdale TW, et al. **BMJ** 1989 May 13; 298(6683):1292–3

EGG PROTEINS

Stable association of processed antigen with antigen-presenting cell membranes. Jensen PE. **J Immunol** 1989 Jul 15;143(2):420–5

EJACULATION

The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. Hellstrom WJ, et al. **J Urol** 1989 Aug;142(2):309–12

ELASTIC TISSUE

Wrinkling due to middermal elastolysis. Report of a case and review of the literature. Rae V, et al. **Arch Dermatol** 1989 Jul;125(7):950–1 (7 ref.)

ELBOW

Frame size estimation: a comparative analysis of methods based on height, wrist circumference, and elbow breadth. Novascone MA, et al. **J Am Diet Assoc** 1989 Jul;89(7):964–6

ELBOW JOINT

Septic and nonseptic olecranon bursitis. Utility of the surface temperature probe in the early differentiation of septic and nonseptic cases. Smith DL, et al. **Arch Intern Med** 1989 Jul;149(7):1581–5
The baby with the sore arm. Schindler AM. **Hosp Pract [Off]** 1989 Jul 15;24(7):57–9
Intra-articular flap fracture of the olecranon in a child. A case report. Blasier RD. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):945–7
Floating dislocated elbow: case report and review of the literature. Viegas SF, et al. **J Trauma** 1989 Jun;29(6):886–8 (13 ref.)

ELECTRIC COUNTERSHOCK

Automatic implantable defibrillator with VVI pacemaker in a patient with chronic Chagas myocarditis and total atrioventricular block. de Paola AA, et al. **Am Heart J** 1989 Aug;118(2):415–7
Superiority of biphasic shocks in the defibrillation of dogs by epicardial patches and catheter electrodes. Flaker GC, et al. **Am Heart J** 1989 Aug;118(2):288–91
Reemployment following implantation of the automatic cardioverter defibrillator. Kalbfleisch KR, et al. **Am J Cardiol** 1989 Jul 15;64(3):199–202
Role of endogenous adenosine in postdefibrillation bradyarrhythmia and hemodynamic depression. Wesley RC Jr, et al. **Circulation** 1989 Jul;80(1):128–37
Prospective comparison of sequential pulse and single pulse defibrillation with use of two different clinically available systems. Bardy GH, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):165–71
Comparison of monophasic with single and dual capacitor biphasic waveforms for nonthoracotomy canine internal defibrillation. Chapman PD, et al. **J Am Coll Cardiol** 1989 Jul;14(1):242–5

ELECTRIC INJURIES

Sequelae of electrical shock [letter] Roberts HJ. **South Med J** 1989 Jul;82(7):931

ELECTRIC STIMULATION

Inhibition of bacterial growth in vitro following stimulation with high voltage, monophasic, pulsed current. Kincaid CB, et al. **Phys Ther** 1989 Aug;69(8):651–5

ELECTROCARDIOGRAPHY

The duration of ST segment depression as an indicator of the pathophysiology of myocardial ischemia [editorial] Kong B, et al. **Am Heart J** 1989 Jul;118(1):195–7
Progressive prolongation of the second conduction interval throughout successive 3:2 Wenckebach sequences: the double Wenckebach phenomenon. Oreto G, et al. **Am Heart J** 1989 Aug;118(2):413–5
Electrocardiographic manifestations of right ventricular infarction. Robalino BD, et al. **Am Heart J** 1989 Jul; 118(1):138–44 (37 ref.)
Prognostic significance of the signal-averaged ECG depends on the time of recording in the postinfarction period. el-Sherif N, et al. **Am Heart J** 1989 Aug;118(2):256–64
Correlation of ischemic ST-segment depression on the resting electrocardiogram with new cardiac events in 1,106 patients over 62 years of age. Aronow WS. **Am J Cardiol** 1989 Jul 15;64(3):232–3
Intermittent, dose-related fluctuations of pain and ST elevation during infusion of recombinant tissue plasminogen activator during acute myocardial infarction. Barbash GI, et al. **Am J Cardiol** 1989 Jul 15;64(3):225–8
Role of bandpass filters in optimizing the value of the signal-averaged electrocardiogram as a predictor of the results of programmed stimulation. Caref EB, et al. **Am J Cardiol** 1989 Jul 1;64(1):16–26
A comparison of amplitude-modulated and frequency-modulated ambulatory monitoring systems. Hinderliter AL, et al. **Am J Cardiol** 1989 Jul 1;64(1):76–80
Differentiation between late potentials of right ventricular and of left ventricular origin. Ohe T, et al. **Am J Cardiol** 1989 Jul 1;64(1):37–41
Long-term variability of angina pectoris and electrocardiographic signs of ischemia in syndrome X. Pupita G, et al. **Am J Cardiol** 1989 Jul 15;64(3):139–43
Favourable long term prognosis in patients with non-Q wave acute myocardial infarction not associated with specific electrocardiographic changes. Diltiazem Reinfarction Study Research Group. Boden WE, et al. **Br Heart J** 1989 May;61(5):396–402
Instantaneous electrocardiography. A simple screening technique for cardiac exercise programs. Franklin BA, et al. **Chest** 1989 Jul;96(1):174–7
ST depression and elevation in vasospastic angina [letter] Santinelli V, et al. **Chest** 1989 Jul;96(1):222–3
Transient complete AV block in Lyme disease. Electrophysiologic observations. van der Linde MR, et al. **Chest** 1989 Jul;96(1):219–21
Exercise-induced ST depression in the diagnosis of coronary artery disease. A meta-analysis. Gianrossi R, et al. **Circulation** 1989 Jul;80(1):87–98 (171 ref.)
Detection of diseased coronary artery by exercise ST-T maps in patients with effort angina pectoris, single-vessel disease, and normal ST-T wave on electrocardiogram at rest. Kubota I, et al. **Circulation** 1989 Jul;80(1):120–7
A far-reaching interpolation. Macaulay W, et al. **Heart Lung** 1989 Jul;18(4):415–7
Palpitation and abnormal ECG in muscular dystrophy. Hancock EW. **Hosp Pract [Off]** 1989 Jul 15;24(7):21, 24
Depolarization changes early in the course of myocardial infarction: significance of changes in the terminal portion of the QRS complex. Barnhill JE 3d, et al. **J Am Coll Cardiol** 1989 Jul;14(1):143–9
Ventricular arrhythmias and local electrograms after chronic regional denervation of the ischemic area in the pig heart. Cinca J, et al. **J Am Coll Cardiol** 1989 Jul;14(1):225–32
Medical and surgical management of early Q wave myocardial infarction. I. Effects of surgical reperfusion on survival, recurrent myocardial infarction, sudden death and functional class at 10 or more years of follow-up. DeWood MA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):65–77
Medical and surgical management of early Q wave myocardial infarction. II. Effects on mortality and global and regional left ventricular function at 10 or more years of follow-up. DeWood MA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):78–90
Risk stratification in patients with first non-Q wave infarction: limited value of the early low level exercise test after uncomplicated infarcts. The Multicenter Post-Infarction Research Group. Krone RJ, et al. **J Am Coll Cardiol** 1989 Jul;14(1):31–7; discussion 38–9
Quinidine-induced long QTU interval and torsade de pointes: role of bradycardia-dependent early afterdepolarizations. el-Sherif N, et al. **J Am Coll Cardiol** 1989 Jul;14(1):252–7
Offset electrocardiographic electrode simulating a pulmonary nodule on radiographs. Edwards ME, et al. **Radiology** 1989 Jul;172(1):281–2

ELECTROCOAGULATION

Manifest and concealed accessory pathways: behavior after

catheter ablation of the atrioventricular conducting system. Lemery R, et al. **Am Heart J** 1989 Jul;118(1):188–91
Electrocautery and hormone receptor status in breast biopsy. Glen PM, et al. **Am J Surg** 1989 Jul;158(1):6–7
Using the suction apparatus of the laser machine to get rid of smoke from electrocoagulation [letter] Karaca AR. **Plast Reconstr Surg** 1989 Aug;84(2):372

ELECTROCONVULSIVE THERAPY

Cardiac problems in ECT [letter] Dennison S, et al. **Am J Psychiatry** 1989 Jul;146(7):939
Differential effects of right unilateral and bilateral ECT on heart rate. Lane RD, et al. **Am J Psychiatry** 1989 Aug; 146(8):1041–3

ELECTROENCEPHALOGRAPHY

Stimulants, panic, and BEAM EEG abnormalities [letter] Abraham HD. **Am J Psychiatry** 1989 Jul;146(7):947–8
Use of computerized electroencephalographic monitoring during aneurysm surgery. Tempelhoff R, et al. **J Neurosurg** 1989 Jul;71(1):24–31

ELECTROLYTES

Electrolyte content of salt-replacement seasonings. Ahern DA, et al. **J Am Diet Assoc** 1989 Jul;89(7):935–8

ELECTRON PROBE MICROANALYSIS

Rapid freezing of small biopsies and standard for cryosectioning and X-ray microanalysis. Tvedt KE, et al. **Am J Clin Pathol** 1989 Jul;92(1):51–6

ELECTROPHORESIS

Alteration of electrophoretic mobility of serum globulins after storage. Pudlak KA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):808–9

ELECTRORETINOGRAPHY

ERG b-wave amplitude and brain dopaminergic activity [letter] Castrogiovanni P, et al. **Am J Psychiatry** 1989 Aug; 146(8):1085–6

ELECTROTHERAPY

Rehabilitation of quadriplegic patients with phrenic nerve pacers. Lee MY, et al. **Arch Phys Med Rehabil** 1989 Jul; 70(7):549–52
The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. Hellstrom WJ, et al. **J Urol** 1989 Aug;142(2):309–12
Intravesical transurethral bladder stimulation to increase bladder capacity. Kaplan WE, et al. **J Urol** 1989 Aug;142(2 Pt 2):600–2; discussion 603–5
Neural stimulation for control of voiding dysfunction: a preliminary report in 22 patients with serious neuropathic voiding disorders. Tanagho EA, et al. **J Urol** 1989 Aug; 142(2):340–5
Comparison of effects of transcutaneous electrical nerve stimulation of auricular, somatic, and the combination of auricular and somatic acupuncture points on experimental pain threshold. Lein DH Jr, et al. **Phys Ther** 1989 Aug; 69(8):671–8
TENS study concerns [letter] Nolan MF. **Phys Ther** 1989 Jul;69(7):621–3
Enhanced survival of full-thickness skin grafts following the application of DC electrical fields. Politis MJ, et al. **Plast Reconstr Surg** 1989 Aug;84(2):267–72

EMBOLISM

Intravascular delivery of laser energy with metal-capped optical fibers: the potential hazard of distal embolism. Keogh BE, et al. **Am Heart J** 1989 Jul;118(1):47–53
Cardiogenic brain embolism. The second report of the Cerebral Embolism Task Force. **Arch Neurol** 1989 Jul; 46(7):727–43 (303 ref.)
Direct in vivo observations of embolic events in the microcirculation distal to a small-vessel anastomosis. Acland RD, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):280–8; discussion 289
Atheromatous embolism: varied clinical presentation and prognosis. Jennings WC, et al. **South Med J** 1989 Jul; 82(7):849–52

EMBOLISM, AIR

Fatal air embolism in an adolescent with Duchenne muscular dystrophy during Harrington instrumentation. Lang SA, et al. **Anesth Analg** 1989 Jul;69(1):998–1000

EMBOLIZATION, THERAPEUTIC

Aneurysmal bone cysts: imaging findings and embolotherapy. Cory DA, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):369–73
Transcatheter treatment of congenital heart disease. Beekman RH, et al. **Prog Cardiovasc Dis** 1989 Jul–Aug;32(1):1–30 (110 ref.)
Internal iliac artery: embolization to control hemorrhage from pelvic neoplasms. Pisco JM, et al. **Radiology** 1989 Aug;172(2):337–9
Adverse effects of preoperative hepatic artery chemoembolization for resectable hepatocellular carcinoma: a retrospective comparison of 138 liver resections. Nagasue N, et al. **Surgery** 1989 Jul;106(1):81–6

EMBRYO

Embryonic retinoid concentrations after maternal intake of isotretinoin [letter] Kraft JC, et al. **N Engl J Med** 1989 Jul 27;321(4):262

EMBRYO TRANSFER

Two-embryo transfer [letter] Bennett SJ, et al. **Lancet** 1989 Jul 22;2(8656):215

EMERGENCIES

Informed consent in emergency research. Prehospital thrombolytic therapy for acute myocardial infarction. Grim PS, et al. **JAMA** 1989 Jul 14;262(2):252–5

EMERGENCY MEDICAL SERVICES

Effect of a media campaign on delay times and ambulance use in suspected acute myocardial infarction. Herlitz J, et al. **Am J Cardiol** 1989 Jul 1;64(1):90–3
Head injury mortality in two centers with different emergency medical services and intensive care. Colohan AR, et al. **J Neurosurg** 1989 Aug;71(2):202–7

EMERGENCY MEDICINE

Pediatric emergency medicine: a developing subspecialty. Li M, et al. **Pediatrics** 1989 Aug;84(2):336–42

EMERGENCY SERVICE, HOSPITAL

Self referral to an accident and emergency department [letter] Dale J, et al. **BMJ** 1989 Apr 29;298(6681):1182–3
Human immunodeficiency virus infection in emergency department patients. Epidemiology, clinical presentations, and risk to health care workers: the Johns Hopkins experience. Kelen GD, et al. **JAMA** 1989 Jul 28; 262(4):516–22

EMIGRATION AND IMMIGRATION

Immigration issues in hiring alien physicians as teachers. Robinson GH, et al. **Acad Med** 1989 Jul;64(7):357–62
Breast-feeding pattern among Indochinese immigrants in northern California. Romero-Gwynn E. **Am J Dis Child** 1989 Jul;143(7):804–8

EMPATHY

Empathy and schizophrenia [letter] Kirkpatrick B, et al. **Am J Psychiatry** 1989 Jul;146(7):945–6
Can caring behavior be taught? Forsyth D, et al. **Nurs Outlook** 1989 Jul–Aug;37(4):164–6

EMPHYSEMA

Traumatic emphysema of the head, neck, and mediastinum associated with maxillofacial trauma: case report and review. Henry CH, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):876–82 (47 ref.)

EMPLOYMENT

Reemployment following implantation of the automatic cardioverter defibrillator. Kalbfleisch KR, et al. **Am J Cardiol** 1989 Jul 15;64(3):199–202
Age differences in productive activities. Herzog AR, et al. **J Gerontol** 1989 Jul;44(4):S129–38

EMPYEMA

Empyema associated with pulmonary sporotrichosis. Fields CL, et al. **South Med J** 1989 Jul;82(7):910–3

ENALAPRIL

Comparison of antihypertensive therapies by noninvasive techniques. Graettinger WF, et al. **Chest** 1989 Jul; 96(1):74–9

ENCEPHALITIS

Diseases that mimic herpes simplex encephalitis. Diagnosis, presentation, and outcome. NIAD Collaborative Antiviral Study Group. Whitley RJ, et al. **JAMA** 1989 Jul 14; 262(2):234–9
Echovirus 6 encephalitis in a preterm baby [letter] Blokziji ML, et al. **Lancet** 1989 Jul 15;2(8655):164–5

ENCEPHALOCELE

Seizure activity mimicking brainstem herniation [letter] Kissoon N. **Crit Care Med** 1989 Jul;17(7):712

ENCEPHALOMALACIA

Edward B. Neuhauser lecture. Current concepts of brain injury in the premature infant. Volpe JJ. **AJR Am J Roentgenol** 1989 Aug;153(2):243–51

ENDARTERECTOMY

Recurrent stenosis by duplex scan following carotid endarterectomy. Bertin VJ, et al. **Arch Surg** 1989 Jul; 124(7):866–9

ENDOCARDIAL FIBROELASTOSIS

Mucopolysaccharidosis I presenting with endocardial fibroelastosis of infancy. Stephan MJ, et al. **Am J Dis Child** 1989 Jul;143(7):782–4

ENDOCARDITIS, BACTERIAL

Antibiotics in endocarditis due to nutritionally deficient streptococci [letter] Stein DS, et al. **JAMA** 1989 Aug 4; 262(5):618

ENDOCRINE DISEASES

Long-term endocrine toxicity of myeloablative treatment followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Keilholz U, et al. **Cancer** 1989 Aug 1;64(3):641–5

ENDOCRINE GLANDS

Uterine development and endocrine relationships after menarche. Porcu E, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):174–7

ENDOCRINOLOGY

Pediatric endocrinologic recommendations, pediatric practice, and current pediatric training regarding care of children with diabetes. Golden MP, et al. **Pediatrics** 1989 Jul;84(1):138–43

ENDODERM

Foregut cyst of the mediastinum: fluid re-accumulation after transbronchial needle aspiration. van Beers B, et al. **Br J Radiol** 1989 Jun;62(738):558–60

ENDOMETRIOSIS

Laser-induced fluorescence of ectopic endometrium in rabbits. Vancaillie TG, et al. **Obstet Gynecol** 1989 Aug; 74(2):225–30

ENDOMETRITIS

Efficacy of oral antibiotics following parenteral antibiotics for serious infections in obstetrics and gynecology [letter] Goodwin TM. **Obstet Gynecol** 1989 Aug;74(2):284–5
Transcervical uterine cultures with a new endometrial suction curette: a comparison of three sampling methods in postpartum endometritis. Martens MG, et al. **Obstet Gynecol** 1989 Aug;74(2):273–6

ENDORPHINS

Endogenous opioid regulation of pulsatile luteinizing hormone secretion during sexual maturation in the female sheep. Ebling FJ, et al. **Endocrinology** 1989 Jul; 125(1):369–83

ENDOSCOPY

Intraoperative angioscopy: principles of irrigation and description of a new dedicated irrigation pump. Miller A, et al. **Am Heart J** 1989 Aug;118(2):391–9
Intermittent difficulty with catheterization of Indiana continent urinary reservoir: use of flexible ureteroscope. Chin JL, et al. **J Urol** 1989 Aug;142(2):371
Choledochoscopy of the cystic duct as a new approach to the biliary tree. Reid BA Jr. **Surg Gynecol Obstet** 1989 Jul;169(1):68–70

ENDOTHELIUM, CORNEAL

Tissue plasminogen activator and the corneal endothelium. McDermott ML, et al. **Am J Ophthalmol** 1989 Jul 15; 108(1):91–2
Corneal endothelial changes in pseudoexfoliation syndrome. Miyake K, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):49–52
Protective effects of viscous solutions in phacoemulsification and traumatic lens implantation. Glasser DB, et al. **Arch Ophthalmol** 1989 Jul;107(7):1047–51

ENDOTHELIUM, VASCULAR

Identification of an autoantibody to vascular endothelial cell-specific antigens in patients with systemic vasculitis. Brasile L, et al. **Am J Med** 1989 Jul;87(1):74–80
Effect of endothelial injury on the responses of isolated guinea pig pulmonary venules to reduced oxygen tension.

Tracey WR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):68–74
Endothelium-dependent effects of halothane, enflurane, and isoflurane on isolated rat aortic vascular rings. Stone DJ, et al. **Anesthesiology** 1989 Jul;71(1):126–32
Pulsed ultraviolet laser irradiation produces endothelium-independent relaxation of vascular smooth muscle. Steg PG, et al. **Circulation** 1989 Jul;80(1):189–97
GMP-140, a platelet alpha-granule membrane protein, is also synthesized by vascular endothelial cells and is localized in Weibel-Palade bodies. McEver RP, et al. **J Clin Invest** 1989 Jul;84(1):92–9
Neutrophil cathepsin G increases calcium flux and inositol polyphosphate production in cultured endothelial cells. Peterson MW, et al. **J Immunol** 1989 Jul 15;143(2):609–16

ENDOTOXINS

Endotoxemia during percutaneous manipulation of the obstructed biliary tree. Lumsden AB, et al. **Am J Surg** 1989 Jul;158(1):21–4
Inhibition of endotoxin-induced bacterial translocation in mice. Deitch EA, et al. **J Clin Invest** 1989 Jul;84(1):36–42
Endotoxin-macrophage interaction: post-translational regulation of tumor necrosis factor expression. Zuckerman SH, et al. **J Immunol** 1989 Aug 15;143(4):1223–7
Endotoxaemia, pulmonary complications, and thrombocytopenia in liver transplantation. Miyata T, et al. **Lancet** 1989 Jul 22;2(8656):189–91
The cardiovascular response of normal humans to the administration of endotoxin. Suffredini AF, et al. **N Engl J Med** 1989 Aug 3;321(5):280–7

ENEMA

Fatal hypersensitivity reaction during a barium enema. Feczko PJ, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):275–6

ENERGY METABOLISM

Intraocular neovascularization and retinal energy metabolism [letter] Wilson DJ. **Arch Ophthalmol** 1989 Jul;107(7):953–4
Myocardial energetics in patients with dilated cardiomyopathy. Influence of nitroprusside and enoximone. Hasenfuss G, et al. **Circulation** 1989 Jul;80(1):51–64
Enteral nutrition in hypermetabolic surgical patients. Cerra FB, et al. **Crit Care Med** 1989 Jul;17(7):619–22
Day-to-day variability of energy expenditure in critically ill surgical patients. Vermeij CG, et al. **Crit Care Med** 1989 Jul;17(7):623–6
Myocardial protection during ischemia by prior feeding with the creatine analog: cyclocreatine. Jacobstein MD, et al. **J Am Coll Cardiol** 1989 Jul;14(1):246–51

ENFLURANE

Effects of enflurane on contractile response of canine trachealis muscle. Kochi T, et al. **Anesth Analg** 1989 Jul; 69(1):926–34
Halothane, but not isoflurane or enflurane, protects against spontaneous and epinephrine-exacerbated acute thrombus formation in stenosed dog coronary arteries. Bertha BG, et al. **Anesthesiology** 1989 Jul;71(1):96–102
Endothelium-dependent effects of halothane, enflurane, and isoflurane on isolated rat aortic vascular rings. Stone DJ, et al. **Anesthesiology** 1989 Jul;71(1):126–32
Rhinoplasty and general anesthesia. Halothane vs enflurane as agent of choice. Selkin SG. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):802–3

ENTERAL FEEDING

Translumbar duodenostomy for enteral feeding. Koolpe HA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):299–300
Administration of structured lipid composed of MCT and fish oil reduces net protein catabolism in enterally fed burned rats. Teo TC, et al. **Ann Surg** 1989 Jul;210(1):100–7
Integration of nutrition support into oncologic treatment protocols for high and low nutritional risk children with Wilms' tumor. A prospective randomized study. Rickard KA, et al. **Cancer** 1989 Jul 15;64(2):491–509
Enteral nutrition in hypermetabolic surgical patients. Cerra FB, et al. **Crit Care Med** 1989 Jul;17(7):619–22
Peptide enteral formulas [editorial] Silk DB. **Crit Care Med** 1989 Jul;17(7):708–9
Transitional feeding: the relationship between nutritional intake and plasma protein concentrations. Winkler MF, et al. **J Am Diet Assoc** 1989 Jul;89(7):969–70
TEN versus TPN following major abdominal trauma—reduced septic morbidity. Moore FA, et al. **J Trauma** 1989 Jul;29(7):916–22; discussion 922–3
Percutaneous drainage and feeding gastrostomies in 100 patients. O'Keeffe F, et al. **Radiology** 1989 Aug; 172(2):341–3
Phenytoin absorption in volunteers receiving selected enteral feedings. Guidry JR, et al. **West J Med** 1989 Jun; 150(6):659–61

ENTEROBACTERIACEAE

Comparison of identification of Enterobacteriaceae by API 20E and Sensititre Autoidentification System. Barr JG, et al. **J Clin Pathol** 1989 Jun;42(6):649–52
Bacterial colonization of intravenous catheter materials in vitro and in vivo. Gilsdorf JR, et al. **Surgery** 1989 Jul; 106(1):37–44

ENTEROCOLITIS, PSEUDOMEMBRANOUS

Acute abdomen and shock following a hernia repair in a 75-year-old woman [clinical conference] **Am J Med** 1989 Jul;87(1):85–90
Necrotizing enterocolitis mortality in the United States, 1979–85. Holman RC, et al. **Am J Public Health** 1989 Aug; 79(8):987–9
Biochemical evidence of asymptomatic vitamin B12 deficiency in children after ileal resection for necrotizing enterocolitis. Skidmore MD, et al. **J Pediatr** 1989 Jul; 115(1):102–5

ENTEROHEPATIC CIRCULATION

Disposition of lorazepam in human beings: enterohepatic recirculation and first-pass effect. Herman RJ, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):18–25

ENTEROSTOMY

Translumbar duodenostomy for enteral feeding. Koolpe HA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):299–300
Prevention of hernia after enterostomy. Sugarbaker PH. **Surg Gynecol Obstet** 1989 Jul;169(1):75–7

ENTEROTOXINS

Immunomodulatory activity of staphylococcal enterotoxin-B. The induction of an I-J-restricted suppressor factor. Taub DD, et al. **J Immunol** 1989 Aug 1;143(3):813–20

ENTEROVIRUS INFECTIONS

Characterization of B lymphocytes present in the demyelinating lesions induced by Theiler's virus. Cash E, et al. **J Immunol** 1989 Aug 1;143(3):984–8

ENTEROVIRUSES

Characterization of B lymphocytes present in the demyelinating lesions induced by Theiler's virus. Cash E, et al. **J Immunol** 1989 Aug 1;143(3):984–8

ENTOMOLOGY

Concerns about the future of medical entomology in tropical medicine research [editorial] Reeves WC. **Am J Trop Med Hyg** 1989 Jun;40(6):569–70

ENVIRONMENT

Personal and environmental determinants of activity involvement among elderly residents of congregate facilities. Lemke S, et al. **J Gerontol** 1989 Jul;44(4):S139–48

ENVIRONMENTAL EXPOSURE

Clinical ecology. American College of Physicians. **Ann Intern Med** 1989 Jul 15;111(2):168–78 (91 ref.)
Clinical ecology: environmental medicine or unsubstantiated theory? Kahn E, et al. **Ann Intern Med** 1989 Jul 15; 111(2):104–6 (19 ref.)
Mortality among United States Coast Guard marine inspectors. Blair A, et al. **Arch Environ Health** 1989 May-Jun;44(3):150–6
Re-examination of longitudinal studies of workers [editorial] Kilburn KH. **Arch Environ Health** 1989 May-Jun; 44(3):132–3
Polycyclic aromatic hydrocarbon (PAH) residues on skin in relation to air levels among roofers. Wolff MS, et al. **Arch Environ Health** 1989 May-Jun;44(3):157–63

ENVIRONMENTAL HEALTH

Clinical ecology. American College of Physicians. **Ann Intern Med** 1989 Jul 15;111(2):168–78 (91 ref.)
Clinical ecology: environmental medicine or unsubstantiated theory? Kahn E, et al. **Ann Intern Med** 1989 Jul 15; 111(2):104–6 (19 ref.)
Disposing of the US chemical weapons stockpile. An approaching reality. Carnes SA, et al. **JAMA** 1989 Aug 4;262(5):653–9

ENVIRONMENTAL POLLUTANTS

Nuclear weapons facilities face attacks from environmentalists, government agencies [news] Merz B. **JAMA** 1989 Aug 4;262(5):604–5

ENVIRONMENTAL POLLUTION

Disposable equipment and environmental pollution [letter] Cheng TO. **J Am Coll Cardiol** 1989 Jul;14(1):264

ENZYME-LINKED IMMUNOSORBENT ASSAY

Quantitative detection of class-specific rheumatoid factors using mouse monoclonal antibodies and the biotin/streptavidin enhancement system. Otten HG, et al. **Br J Rheumatol** 1989 Aug;28(4):310–6
Five commercial enzyme linked immunosorbent assay kits for toxoplasma specific IgM antibody. Joynson DH, et al. **J Clin Pathol** 1989 Jun;42(6):653–7

ENZYME TESTS

Prognostic value of creatine kinase BB-isoenzyme in high risk newborn infants. Ruth VJ. **Arch Dis Child** 1989 Apr; 64(4):563–8

EOSINOPHILIC GRANULOMA

Facial swelling in an adolescent female [clinical conference] Eisenberg E, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):843–8

EOSINOPHILS

Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. Barker RL, et al. **J Immunol** 1989 Aug 1;143(3):952–5
Human eosinophil cytotoxicity-enhancing factor. Purification, physical characteristics, and partial amino acid sequence of an active polypeptide. Silberstein DS, et al. **J Immunol** 1989 Aug 1;143(3):979–83

EPIDEMIOLOGY

Medical evaluation of psychiatric patients. I. Results in a state mental health system. Koran LM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):733–40

EPIDERMAL CYST

Intratubular germ cell neoplasia in testicular teratomas and epidermoid cysts. Correlation with prognosis and possible biologic significance. Manivel JC, et al. **Cancer** 1989 Aug 1;64(3):715–20

EPIDERMAL GROWTH FACTOR-UROGASTRONE

Fibronectin does not enhance epidermal growth factor-mediated acceleration of corneal epithelial wound closure. Soong HK, et al. **Arch Ophthalmol** 1989 Jul; 107(7):1052–4
Epidermal growth factor increases intestinal calbindin-D9k and 1,25-dihydroxyvitamin D receptors in neonatal rats. Bruns DE, et al. **Endocrinology** 1989 Jul;125(1):478–85
Epidermal growth factor stimulates tissue plasminogen activator activity and messenger ribonucleic acid levels in cultured rat granulosa cells: mediation by pathways independent of protein kinases-A and -C. Galway AB, et al. **Endocrinology** 1989 Jul;125(1):126–35
The effect of the route of delivery of urogastrone on intestinal regeneration. Thompson JS, et al. **Surgery** 1989 Jul; 106(1):45–51

EPIDERMIS

Variations in the number and morphology of Langerhans' cells in the epidermal component of squamous cell carcinomas. Alcalay J, et al. **Arch Dermatol** 1989 Jul; 125(7):917–20
Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. Madden MR, et al. **J Trauma** 1989 Jul; 29(7):924–30; discussion 930–1

EPIDERMOLYSIS BULLOSA

Airway obstruction in epidermolysis bullosa [letter] Fisher GC, et al. **Anaesthesia** 1989 May;44(5):449
Autosomal recessive epidermolysis bullosa simplex. Generalized phenotypic features suggestive of junctional or dystrophic epidermolysis bullosa, and association with neuromuscular diseases. Fine JD, et al. **Arch Dermatol** 1989 Jul;125(7):931–8 (18 ref.)
Epidermolysis bullosa acquisita in childhood. Differentiation from hereditary epidermolysis bullosa. McCuaig CC, et al. **Arch Dermatol** 1989 Jul;125(7):944–9
Management of oesophageal stenosis in epidermolysis bullosa dystrophica. Kern IB, et al. **Arch Dis Child** 1989 Apr; 64(4):551–6

EPIDIDYMIS

Rat epididymis contains functional angiotensin II receptors. Grove KL, et al. **Endocrinology** 1989 Jul;125(1):223–30
Estrogen and androgen regulation of protein synthesis by the immature rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):231–42
Androgen and estrogen effects on protein synthesis by the adult rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):243–9
Significance of epididymal and ductal anomalies associated

with testicular maldescent. Gill B, et al. **J Urol** 1989 Aug; 142(2 Pt 2):556–8; discussion 572

EPIDURAL NEOPLASMS

Gradient-echo MR imaging of the cervical spine: evaluation of extradural disease. VanDyke C, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):393–8

EPILEPSY

Metamorphopsia and palinopsia. Association with periodic lateralized epileptiform discharges in a patient with malignant astrocytoma. Young WB, et al. **Arch Neurol** 1989 Jul;46(7):820–2

Phenytoin withdrawal and seizure frequency. Bromfield EB, et al. **Neurology** 1989 Jul;39(7):905–9

EPILEPSY, TEMPORAL LOBE

Phenytoin withdrawal and seizure frequency. Bromfield EB, et al. **Neurology** 1989 Jul;39(7):905–9

EPINEPHRINE

Halothane, but not isoflurane or enflurane, protects against spontaneous and epinephrine-exacerbated acute thrombus formation in stenosed dog coronary arteries. Bertha BG, et al. **Anesthesiology** 1989 Jul;71(1):96–102

Epinephrine increases the effectiveness of tetracaine spinal anesthesia. Carpenter RL, et al. **Anesthesiology** 1989 Jul; 71(1):33–6

Hypersensitivity to insect stings [letter] Yunginger JW. **Mayo Clin Proc** 1989 Jun;64(6):728–9

Symptomatic mitral valve prolapse in children and adolescents: catecholamines, anxiety, and biofeedback. Smith MS, et al. **Pediatrics** 1989 Aug;84(2):290–5

EPIPHYSES, SLIPPED

Slipped capital femoral epiphysis associated with Russell-Silver syndrome. Limbird TJ. **South Med J** 1989 Jul;82(7):902–4

EPISIOTOMY

Ultrasound/PEME for perineal pain [editorial] **Lancet** 1989 Jul 1;2(8653):22–3

EPISPADIAS

Bladder exstrophy: increase in capacity following epispadias repair. Gearhart JP, et al. **J Urol** 1989 Aug;142(2 Pt 2):525–6; discussion 542–3

EPOXIDE HYDROLASES

Inhibition of human liver microsomal epoxide hydrolase by valproate and valpromide: in vitro/in vivo correlation. Kerr BM, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):82–93

EPSTEIN-BARR VIRUS

CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. Kawa-Ha K, et al. **J Clin Invest** 1989 Jul;84(1):51–5

Epstein-Barr virus/complement receptor and epithelial cells [letter] Niedobitek G, et al. **Lancet** 1989 Jul 8;2(8654):110

EQUILIBRIUM

Force platform measures for evaluating postural control: reliability and validity. Goldie PA, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):510–7

Visual, vestibular and somatosensory contributions to balance control in the older adult. Manchester D, et al. **J Gerontol** 1989 Jul;44(4):M118–27

Age, functional postural reflexes, and voluntary sway. Stelmach GE, et al. **J Gerontol** 1989 Jul;44(4):B100–6

EQUIPMENT AND SUPPLIES

Intermittent compression units for the postphlebitic syndrome. A pilot study. Ginsberg JS, et al. **Arch Intern Med** 1989 Jul;149(7):1651–2

Medical technology in Italy [letter] Attanasio AE. **Lancet** 1989 Jul 8;2(8654):109

EQUIPMENT AND SUPPLIES, HOSPITAL

Pulse oximeter cost per use—securing savings [letter] Maruschak GF, et al. **Anesthesiology** 1989 Jul;71(1):167–8

Financing equipment: lessors, vendors offset risk. Souhrada L. **Hospitals** 1989 Jul 5;63(13):65

EQUIPMENT CONTAMINATION

Microbial analysis of contact lens care systems contaminated with Acanthamoeba. Donzis PB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):53–6

Heparin and suspected Sanfillipo syndrome [letter] Henderson MJ, et al. **Arch Dis Child** 1989 Apr;64(4):633–4

Contamination reduction during central venous catheterization [letter] Bolton DT. **Crit Care Med** 1989 Jul; 17(7):713

Contamination of endoscopes used in AIDS patients. Hanson PJ, et al. **Lancet** 1989 Jul 8;2(8654):86–8

ERYTHROBLASTOSIS, FETAL

Monocyte monolayer assay: an efficient noninvasive technique for predicting the severity of hemolytic disease of the newborn. Nance SJ, et al. **Am J Clin Pathol** 1989 Jul;92(1):89–92

ERYTHROCYTE COUNT

An automated optoelectronic reticulocyte counter. Kojima K, et al. **Am J Clin Pathol** 1989 Jul;92(1):57–61

ERYTHROCYTE MEMBRANE

Cross-reacting antigens to Pc96, a protective antigen of Plasmodium chabaudi, in P. falciparum, P. vivax, and P. cynomolgi. Wanidworanun C, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):579–84

ERYTHROCYTES

Exercise and hypoxia increase sickling in venous blood from an exercising limb in individuals with sickle cell trait. Martin TW, et al. **Am J Med** 1989 Jul;87(1):48–56

Membrane lipid alterations and Na+-pumping activity in erythrocytes from IDDM and NIDDM subjects. Baldini P, et al. **Diabetes** 1989 Jul;38(7):825–31

Erythrocyte O2 transport and metabolism and effects of vitamin B6 therapy in type II diabetes mellitus. Solomon LR, et al. **Diabetes** 1989 Jul;38(7):881–6

Isolation and characterization of a membrane protein from normal human erythrocytes that inhibits reactive lysis of the erythrocytes of paroxysmal nocturnal hemoglobinuria. Holguin MH, et al. **J Clin Invest** 1989 Jul;84(1):7–17

Decreased erythrocyte phosphoribosylpyrophosphate synthetase activity and impaired formation in thalassemia minor: a mechanism for decreased adenine nucleotide content. Zerez CR, et al. **J Lab Clin Med** 1989 Jul; 114(1):43–50

Relationship of transfusion and infection in a burn population. Graves TA, et al. **J Trauma** 1989 Jul;29(7):948–52; discussion 952–4

Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Altmann P, et al. **Lancet** 1989 Jul 1;2(8653):7–12

Red blood cell morphology in chronic fatigue syndrome [letter] Lloyd A, et al. **Lancet** 1989 Jul 22;2(8656):217

Lack of effect of pregnancy or hematin therapy on erythrocyte porphobilinogen deaminase activity in acute intermittent porphyria [letter] Sassa S, et al. **N Engl J Med** 1989 Jul 20;321(3):192–3

ERYTHROMYCIN

Inhibition of alfentanil metabolism by erythromycin. Bartkowski RR, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):99–102

Using erythromycin. Some helpful observations. Latare PA, et al. **Postgrad Med** 1989 Jul;86(1):55–9, 63 (11 ref.)

ERYTHROPOIETIN

From the Food and Drug Administration. Nightingale SC. **JAMA** 1989 Aug 11;262(6):740

From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184

Recombinant human erythropoietin treatment in patients on maintenance home haemodialysis [letter] Pascual J, et al. **Lancet** 1989 Jul 15;2(8655):160

Treatment of the anemia of progressive renal failure with recombinant human erythropoietin. Eschbach JW, et al. **N Engl J Med** 1989 Jul 20;321(3):158–63

Serum erythropoietin levels after renal transplantation. Sun CH, et al. **N Engl J Med** 1989 Jul 20;321(3):151–7

ESCHERICHIA COLI

Inhibition of endotoxin-induced bacterial translocation in mice. Deitch EA, et al. **J Clin Invest** 1989 Jul;84(1):36–42

Thromboxane-mediated hypertension and vascular leakage evoked by low doses of Escherichia coli hemolysin in rabbit lungs. Seeger W, et al. **J Clin Invest** 1989 Jul;84(1):220–7

Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1–28. Brakenhoff JP, et al. **J Immunol** 1989 Aug 15;143(4):1175–82

Special virulence of the Escherichia coli O1:K1:H7 clone in acute pyelonephritis. Mårild S, et al. **J Pediatr** 1989 Jul; 115(1):40–5

Diagnosis of enteropathogenic Escherichia coli [letter] Knutton S, et al. **Lancet** 1989 Jul 22;2(8656):218

Bacterial colonization of intravenous catheter materials in vitro and in vivo. Gilsdorf JR, et al. **Surgery** 1989 Jul; 106(1):37–44

ESCHERICHIA COLI INFECTIONS

Role of anaerobic bacteria in intra-abdominal septic abscesses in mediating septic control of skeletal muscle glucose oxidation and lactic acidemia. Vary TC, et al. **J Trauma** 1989 Jul;29(7):1003–13; discussion 1013–4

Infections with Escherichia coli O157:H7 in Washington State. The first year of statewide disease surveillance. Ostroff SM, et al. **JAMA** 1989 Jul 21;262(3):355–9

Diagnosis of enteropathogenic Escherichia coli [letter] Knutton S, et al. **Lancet** 1989 Jul 22;2(8656):218

ESOPHAGEAL AND GASTRIC VARICES

Esophageal varices. Fearnow EC, et al. **Am Fam Physician** 1989 Jul;40(1):107–8

Balloon tamponade in variceal bleeding: use and misuse. Vlavianos P, et al. **BMJ** 1989 Apr 29;298(6681):1158

Frequent endoscopic variceal sclerotherapy increases risk of complications. Prospective randomized controlled study of two treatment schedules. Akriviadis E, et al. **Dig Dis Sci** 1989 Jul;34(7):1068–74

Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421–6

Sclerotherapy for extrahepatic portal hypertension in childhood. Hassall E, et al. **J Pediatr** 1989 Jul;115(1):69–74

New non-operative treatment for variceal haemorrhage [letter] Rössle M, et al. **Lancet** 1989 Jul 15;2(8655):153

ESOPHAGEAL FISTULA

Aortoesophageal fistula: early postoperative complication at the distal anastomosis of an aortic graft. Borrero E, et al. **South Med J** 1989 Jul;82(7):927–30

ESOPHAGEAL MOTILITY DISORDERS

Presbyesophagus masquerading as an extracardiac mass on echocardiography. Hoit BD, et al. **Am Heart J** 1989 Aug; 118(2):419–21

Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Akesson A, et al. **Br J Rheumatol** 1989 Aug;28(4):281–6

ESOPHAGEAL NEOPLASMS

Treating early cancer of the esophagus after Lugol-combined endoscopy detection [letter] Mosimann F, et al. **Ann Surg** 1989 Jul;210(1):125

Esophageal perforation [letter] Wetstein L, et al. **Arch Surg** 1989 Jul;124(7):876

The increasing frequency of adenocarcinoma of the esophagus. Hesketh PJ, et al. **Cancer** 1989 Jul 15; 64(2):526–30

Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Kaketani K, et al. **Cancer** 1989 Aug 15;64(4):887–91

Intermediate-dose methotrexate and cisplatin in the treatment of advanced epidermoid esophageal carcinoma. Response rate and disease-free survival. Saikia TK, et al. **Cancer** 1989 Jul 15;64(2):371–3

Cisplatin, 5-fluorouracil, mitomycin C, and concurrent radiation therapy with and without esophagectomy for esophageal carcinoma. Stewart FM, et al. **Cancer** 1989 Aug 1;64(3):622–8

Tumor-associated gastroparesis with esophageal carcinoma. Use of intravenous metoclopramide during radionuclide gastric emptying studies to predict clinical response. Choe AI, et al. **Dig Dis Sci** 1989 Jul;34(7):1132–4

Neodymium:yttrium-aluminum-garnet laser vaporization for palliation of obstructing esophageal carcinoma. Moon BC, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):11–4; discussion 14–5

Cervical columnar epithelium and tylosis [letter] Veneri RJ, et al. **Lancet** 1989 Jul 8;2(8654):105

Small, superficial esophageal carcinoma treated with high-dose-rate intracavitary irradiation only. Hishikawa Y, et al. **Radiology** 1989 Jul;172(1):267–70

Cervical or thoracic anastomosis for esophagectomy for carcinoma. Chasseray VM, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):55–62

ESOPHAGEAL PERFORATION

Esophageal perforation [letter] Wetstein L, et al. **Arch Surg** 1989 Jul;124(7):876

ESOPHAGEAL STENOSIS

Management of oesophageal stenosis in epidermolysis bullosa dystrophica. Kern IB, et al. **Arch Dis Child** 1989 Apr; 64(4):551–6

ESOPHAGITIS

Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Stein BE, et al. **Gastroenterology** 1989 Aug;97(2):278–83

ESOPHAGITIS, PEPTIC

Technetium pertechnetate esophageal imaging for detection of Barrett's esophagus. Yegelwel EJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1075–8

ESOPHAGOGASTRIC JUNCTION

The hypertensive lower esophageal sphincter. Manometric and clinical aspects. Freidin N, et al. **Dig Dis Sci** 1989 Jul; 34(7):1063–7

ESOPHAGOSCOPY

Treating early cancer of the esophagus after Lugol-combined endoscopy detection [letter] Mosimann F, et al. **Ann Surg** 1989 Jul;210(1):125

ESOPHAGUS

The oesophageal detector device. A prospective trial on 100 patients. Williams KN, et al. **Anaesthesia** 1989 May; 44(5):412–4

Severe intraoperative myocardial ischemia following manipulation of the heart in a patient undergoing esophagogastrectomy. Hyduke JF, et al. **Anesthesiology** 1989 Jul;71(1):154–8

Use of a bioprosthesis to relieve tension in oesophageal anastomosis: an experimental study. Carachi R, et al. **Br J Surg** 1989 May;76(5):496–8

Partial fundoplication after abdominal Heller's myopathy [letter] Cuschieri A. **Br J Surg** 1989 May;76(5):527

Cisplatin, 5-fluorouracil, mitomycin C, and concurrent radiation therapy with and without esophagectomy for esophageal carcinoma. Stewart FM, et al. **Cancer** 1989 Aug 1;64(3):622–8

Long-term results of surgical treatment for gastroesophageal reflux in asthmatic patients. Perrin-Fayolle M, et al. **Chest** 1989 Jul;96(1):40–5

Cerebral responses evoked by electrical stimulation of the esophagus in normal subjects. Frieling T, et al. **Gastroenterology** 1989 Aug;97(2):475–8

Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Stein BE, et al. **Gastroenterology** 1989 Aug;97(2):278–83

Myths of the esophagus. Hill LD. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):1–10 (10 ref.)

ESTERASES

Association of a Plasmodium-refractory phenotype with an esterase locus in Anopheles gambiae. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):593–7

ESTRADIOL

Sex hormones and lipoproteins in men. Kiel DP, et al. **Am J Med** 1989 Jul;87(1):35–9

Toxic shock syndrome and estrogen therapy [letter] Hooper PL. **Ann Intern Med** 1989 Aug 1;111(3):263–4

Estrogen regulation of human breast cancer cell line MCF-7 tissue plasminogen activator. Dickerman HW, et al. **Endocrinology** 1989 Jul;125(1):492–500

Differential steroid production between theca interna and theca externa cells: a three-cell model for follicular steroidogenesis in avian species. Porter TE, et al. **Endocrinology** 1989 Jul;125(1):109–16

The effects of cimetidine on the oxidative metabolism of estradiol. Galbraith RA, et al. **N Engl J Med** 1989 Aug 3;321(5):269–74

ESTRENES

Progesterone antagonist lilopristone: a potent abortifacient in the common marmoset. Puri CP, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):248–53

ESTROGENIC SUBSTANCES, CONJUGATED

Urodynamic changes following hormonal replacement therapy in women with premature ovarian failure. Karram MM, et al. **Obstet Gynecol** 1989 Aug;74(2):208–11

ESTROGENS

A 47-year-old woman presenting with a 20-year history of SLE. Hughes GR. **Br J Rheumatol** 1989 Aug;28(4):349

Prospective study of exogenous hormone use and breast cancer in Seventh-day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):591–7

Effects of progestins, estrogens, and antihormones on growth and lactate dehydrogenase in the human breast cancer cell line T47D. Hissom JR, et al. **Endocrinology** 1989 Jul; 125(1):418–23

Androgen and estrogen effects on protein synthesis by the adult rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):243–9

Estrogen and androgen regulation of protein synthesis by the immature rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):231–42

Serum prolactin and aging: basal values and changes with estrogen use and hypothyroidism. Sawin CT, et al. **J Gerontol** 1989 Jul;44(4):M131–5

Postmenopausal estrogen replacement and breast cancer [editorial; comment] Barrett-Connor E. **N Engl J Med** 1989 Aug 3;321(5):319–20. **Comment on:** N Engl J Med 1989 Aug 3;321(5):293–7

The risk of breast cancer after estrogen and estrogen-progestin replacement [see comment] Bergkvist L, et al. **N Engl J Med** 1989 Aug 3;321(5):293–7. **Comment on:** N Engl J Med 1989 Aug 3;321(5):319–20

Libido, menopause, and estrogen replacement therapy. Beard MK, et al. **Postgrad Med** 1989 Jul;86(1):225–8 (9 ref.)

ETHACRYNIC ACID

Alternating sequential dosing with furosemide and ethacrynic acid in drug tolerance in the newborn. Chemtob S, et al. **Am J Dis Child** 1989 Jul;143(7):850–4

ETHAMBUTOL

Ethambutol: a key for Mycobacterium avium complex chemotherapy? [letter] Källenius G, et al. **Am Rev Respir Dis** 1989 Jul;140(1):264

ETHERS

On the date of the first use of ether in surgery [letter] Kubota Y, et al. **N Engl J Med** 1989 Jul 27;321(4):265–6

ETHICS

Oregon pioneers "more ethical" Medicaid coverage with priority-setting project [news] Goldsmith MF. **JAMA** 1989 Jul 14;262(2):176–7

ETHICS, MEDICAL

The illusion of futility in clinical practice. Lantos JD, et al. **Am J Med** 1989 Jul;87(1):81–4

Court-ordered cesarean section: an analysis of ethical concerns in compelling cases. Elkins TE, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):150–4

American College of Physicians Ethics Manual. Part 1: History; the patient; other physicians. American College of Physicians. **Ann Intern Med** 1989 Aug 1;111(3):245–52

An investigative journalist looks at medical ethics. Campbell D. **BMJ** 1989 Apr 29;298(6681):1171–2

Institutional review boards. Levine RJ. **BMJ** 1989 May 13; 298(6683):1268–9

Doctors, unethical treatments, and turning a blind eye [editorial] Smith R. **BMJ** 1989 Apr 29;298(6681):1125–6

Cadaveric organ donation: ethical considerations for a new approach. Kleinman I, et al. **Can Med Assoc J** 1989 Jul 15;141(2):107–10

Recognizing your limitations [letter] Thornington MJ. **Can Med Assoc J** 1989 Jul 15;141(2):104

Obeying the Stanford "concept of proportionality?" [letter] Ducharme HM, et al. **Crit Care Med** 1989 Jul;17(7):711–2

Regionalized intensive care units and Medicare: ethics, public policy, and outcome research [editorial] Rie MA. **Crit Care Med** 1989 Jul;17(7):704–5

Thoughts and ethics. The place for thought in medical ethical decision-making. Graner JL. **Lancet** 1989 Jul 15; 2(8655):150

Office-based medication dispensing [letter] Bartholome WG. **Pediatrics** 1989 Aug;84(2):399–400

Bone marrow transplants: neither ethical nor imperative? [letter] Furman L. **Pediatrics** 1989 Jul;84(1):195

Have we really come this far?[editorial] Curtin JW. **Plast Reconstr Surg** 1989 Aug;84(2):340–1

Ethical issues in chronic, severe, catastrophic illnesses. Churchill LR. **South Med J** 1989 Jul;82(7):815–7

ETHICS, PROFESSIONAL

When did "do not resuscitate" mean "do not care"? Fowler MD. **Heart Lung** 1989 Jul;18(4):424–5

Boycotting journals [letter] **Lancet** 1989 Jul 22;2(8656):221–2

ETHINYL ESTRADIOL

Twin pregnancy in premature ovarian failure after estrogen treatment: a case report. Tang L, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):172–3

Growth hormone secretion in Turner's syndrome and influence of oxandrolone and ethinyl oestradiol. Massarano AA, et al. **Arch Dis Child** 1989 Apr;64(4):587–92

ETHMOID SINUS

Pathologic quiz case 2. Fibromyxoma of the ethmoidal sinus with secondary sphenoidal sinus mucocele. Alleva MD, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):878–9, 881

ETHNIC GROUPS

Psychosocial predictors of pregnancy outcomes in low-income black, Hispanic, and white women. Norbeck JS, et al. **Nurs Res** 1989 Jul-Aug;38(4):204–9

ETHYLENE GLYCOLS

Cranial nerve deficit: a clue to the diagnosis of ethylene glycol poisoning. Palmer BF, et al. **Am J Med** 1989 Jul; 87(1):91–2

ETOMIDATE

The effects of speed of injection on induction with propofol. A comparison with etomidate. Gillies GW, et al. **Anaesthesia** 1989 May;44(5):386–8

Cardiovascular instability following bolus dose of etomidate. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):404–5

Hemodynamic and cardiodynamic effects of propofol and etomidate: negative inotropic properties of propofol. Brüssel T, et al. **Anesth Analg** 1989 Jul;69(1):901–6

ETOPOSIDE

Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. Iizumi T, et al. **J Urol** 1989 Aug; 142(2):386–9

EUSTACHIAN TUBE

Congenital anomalies of the eustachian tube in Down syndrome. Histopathologic case report. Shibahara Y, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):543–7

EUTHANASIA

When did "do not resuscitate" mean "do not care"? Fowler MD. **Heart Lung** 1989 Jul;18(4):424–5

Critical care units [letter] Robinson K. **Heart Lung** 1989 Jul; 18(4):430

EVOKED POTENTIALS, AUDITORY

Analog and digital filtering of the brain stem auditory evoked response. Kavanagh KT, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):508–14

EVOKED POTENTIALS, SOMATOSENSORY

Somatosensory evoked response and recovery from stroke. Chester CS, et al. **Arch Phys Med Rehabil** 1989 Jul; 70(7):520–5

EXERCISE

Post-exercise asystolic arrest in a young man without organic heart disease: utility of head-up tilt testing in guiding therapy. Pedersen WR, et al. **Am Heart J** 1989 Aug; 118(2):410–3

Responses of left and right ventricular ejection fractions to aerobic and anaerobic phases of upright and supine exercise in normal subjects. Rodrigues EA, et al. **Am Heart J** 1989 Aug;118(2):319–24

The external costs of a sedentary life-style. Keeler EB, et al. **Am J Public Health** 1989 Aug;79(8):975–81

Comparative effects of transdermal clonidine and oral atenolol on acute exercise performance and response to aerobic conditioning in subjects with hypertension. Davies SF, et al. **Arch Intern Med** 1989 Jul;149(7):1551–6

Instantaneous electrocardiography. A simple screening technique for cardiac exercise programs. Franklin BA, et al. **Chest** 1989 Jul;96(1):174–7

Exercise responses during incremental and high intensity and low intensity steady state exercise in patients with obstructive lung disease and normal control subjects. Matthews JI, et al. **Chest** 1989 Jul;96(1):11–7

Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation. Billman GE, et al. **Circulation** 1989 Jul;80(1):146–57

Exercise response before and after termination of atrial tachycardia after congenital heart disease surgery. Wessel HU, et al. **Circulation** 1989 Jul;80(1):106–11

Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. Haller RG, et al. **J Clin Invest** 1989 Jul;84(1):155–61

Effects of aging and exercise on insulin action in rat adipocytes are correlated with changes in fat cell volume. Lawrence JC Jr, et al. **J Gerontol** 1989 Jul;44(4):B88–92

From the Centers for Disease Control. Progress toward achieving the 1990 national objectives for physical fitness and exercise. **JAMA** 1989 Aug 11;262(6):746, 748, 753

For some of nation's young athletes, training may be too much of a good thing [news] Cowart VS. **JAMA** 1989 Aug 11;262(6):735, 739

Effects of 100% oxygen on performance of professional soccer players. Winter FD Jr, et al. **JAMA** 1989 Jul 14; 262(2):227–9

EXERCISE TEST

An office-based exercise protocol for predicting chronotropic response of activity-triggered, rate-variable pacemakers. Benditt DG, et al. **Am J Cardiol** 1989 Jul 1; 64(1):27–32

Early detection of myocardial ischemia by myocardial free fatty acid extraction in patients with exercise-induced angina pectoris. Kamihara S, et al. **Am J Cardiol** 1989 Jul

15;64(3):180–5
Comparison of cardiovascular adjustments to exercise in adolescents 8 to 15 years of age after correction of tetralogy of fallot, ventricular septal defect or atrial septal defect. Perrault H, et al. **Am J Cardiol** 1989 Jul 15;64(3):213–7
A new exercise test for the assessment of heart failure: use of a self powered treadmill. Parameshwar J, et al. **Br Heart J** 1989 May;61(5):421–5
Exercise-induced ST depression in the diagnosis of coronary artery disease. A meta-analysis. Gianrossi R, et al. **Circulation** 1989 Jul;80(1):87–98 (171 ref.)
Detection of diseased coronary artery by exercise ST-T maps in patients with effort angina pectoris, single-vessel disease, and normal ST-T wave on electrocardiogram at rest. Kubota I, et al. **Circulation** 1989 Jul;80(1):120–7
Risk stratification in patients with first non-Q wave infarction: limited value of the early low level exercise test after uncomplicated infarcts. The Multicenter Post-Infarction Research Group. Krone RJ, et al. **J Am Coll Cardiol** 1989 Jul;14(1):31–7; discussion 38–9

EXERCISE THERAPY

Efficacy of shoulder range of motion exercise in hospitalized patients after coronary artery bypass graft surgery. Shaw DK, et al. **Heart Lung** 1989 Jul;18(4):364–9
Relative effects of bronchial drainage and exercise for in-hospital care of patients with cystic fibrosis. Cerny FJ. **Phys Ther** 1989 Aug;69(8):633–9
A rejoinder to "Exercise Programs for Patients with Post-Polio Syndrome: a case report"—a short communication. Dean E, et al. **Phys Ther** 1989 Aug; 69(8):695–8; discussion 698–9

EXERTION

Exercise-induced ischemia in the streptokinase-reperfused myocardium: relationship to extent of salvaged myocardium and degree of residual coronary stenosis. Weiss AT, et al. **Am Heart J** 1989 Jul;118(1):9–16
Exercise and hypoxia increase sickling in venous blood from an exercising limb in individuals with sickle cell trait. Martin TW, et al. **Am J Med** 1989 Jul;87(1):48–56
The effect of intravenous nutrition on muscle mass and exercise capacity in perioperative patients. Wood CD, et al. **Am J Surg** 1989 Jul;158(1):63–7
Capillary basement membrane thickness and capillary density in sedentary and trained obese Zucker rats. Lash JM, et al. **Diabetes** 1989 Jul;38(7):854–60
Left ventricular dynamics during exercise in elite marathon runners. Fagard R, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):112–8

EXPERT SYSTEMS

Heuristic determination of relevant diagnostic procedures in a medical expert system for gynecology. Small SL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):17–24
On developing expert-based decision-support systems in physical therapy: the NIOSH low back atlas. Delitto A, et al. **Phys Ther** 1989 Jul;69(7):554–8
Expert system-controlled image display. Swett HA, et al. **Radiology** 1989 Aug;172(2):487–93

EXTRACELLULAR MATRIX

Influence of the extracellular matrix on type 2 cell differentiation. Rannels DE, et al. **Chest** 1989 Jul; 96(1):165–73 (78 ref.)
Development of an in vitro model for the disruption of extracellular matrix components in the study of congenital renal parenchymal dysmorphism. Howe SC, et al. **J Urol** 1989 Aug;142(2 Pt 2):612–5; discussion 619

EXTRACELLULAR SPACE

Bromide space determination using anion-exchange chromatography for measurement of bromide. Miller ME, et al. **Am J Clin Nutr** 1989 Jul;50(1):168–71
Distribution of extracellular potassium and electrophysiologic changes during two-stage coronary ligation in the isolated, perfused canine heart. Coronel R, et al. **Circulation** 1989 Jul;80(1):165–77
Extracellular adenosine triphosphate completely reverses the thyrotropin-induced morphological change in FRTL-5 cells. Nazarea M, et al. **Endocrinology** 1989 Jul;125(1):100–8

EXTRACORPOREAL MEMBRANE OXYGENATION

Cerebrovascular accidents in neonates treated with extracorporeal membrane oxygenation: sonographic-pathologic correlation. Taylor GA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):355–61
Extracorporeal membrane oxygenation without anticoagulation: a study using quantitative scanning electron microscopy. Kundu SK, et al. **J Lab Clin Med** 1989 Jul;114(1):58–62
Survival of infants with persistent pulmonary hypertension without extracorporeal membrane oxygenation. Dworetz AR, et al. **Pediatrics** 1989 Jul;84(1):1–6

EXTRASYSTOLE

QRS morphology-dependent, concordant frequency distribution of single and repetitive forms of ventricular ectopic activity. Kessler KM, et al. **Am Heart J** 1989 Jul; 118(1):58–62
Cardiac problems in ECT [letter] Dennison S, et al. **Am J Psychiatry** 1989 Jul;146(7):939
Effect of fenoterol on plasma potassium and cardiac ectopic activity [letter] Haalboom JR, et al. **Lancet** 1989 Jul 1; 2(8653):45

EXTRAVERSION (PSYCHOLOGY)

Extraversion in pathological gamblers. Correlates with indexes of noradrenergic function. Roy A, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):679–81

EXTREMITIES

Intra-arterial digital subtraction angiography in the evaluation of peripheral vascular trauma. Howard CA, et al. **Ann Surg** 1989 Jul;210(1):108–11
Results of regional isolation perfusion with cytostatics in patients with soft tissue tumors of the extremities. Klaase JM, et al. **Cancer** 1989 Aug 1;64(3):616–21
VATER association. A unifying concept of multiple anomalies. Beals RK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):948–50 (21 ref.)
A composite fixation principle for modular segmental defect replacement (SDR) prostheses. Chao EY. **Orthop Clin North Am** 1989 Jul;20(3):439–53
Family functioning, temperament, and psychologic adaptation in children with congenital or acquired limb deficiencies. Varni JW, et al. **Pediatrics** 1989 Aug; 84(2):323–30

EXUDATES AND TRANSUDATES

Central retinal vein obstruction with lipid exudate. Brown GC. **Arch Ophthalmol** 1989 Jul;107(7):1001–5
Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. Madden MR, et al. **J Trauma** 1989 Jul; 29(7):924–30; discussion 930–1

EYE

Ophthalmic solutions, the ocular surface, and a unique therapeutic artificial tear formulation [letter] Maurice D. **Am J Ophthalmol** 1989 Jul 15;108(1):94–5
Primary vs delayed implant in evisceration [letter] Holds JB, et al. **Arch Ophthalmol** 1989 Jul;107(7):952–3

EYE, ARTIFICIAL

Primary vs delayed implant in evisceration [letter] Holds JB, et al. **Arch Ophthalmol** 1989 Jul;107(7):952–3
Bionic prostheses restore neurological activity. Souhrada L. **Hospitals** 1989 Jul 5;63(13):42

EYE DISEASES

Corneal endothelial changes in pseudoexfoliation syndrome. Miyake K, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):49–52
Ocular manifestations in pediatric patients with acquired immunodeficiency syndrome. Dennehy PJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):978–82 (30 ref.)
Radioiodine and aggravation of Graves' ophthalmopathy [letter] Vestergaard H, et al. **Lancet** 1989 Jul 1;2(8653):47

EYE FOREIGN BODIES

The Nd:YAG laser removal of cyanoacrylate used to repair conjunctival wound leaks. Martinez LA, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):86–7

EYE HEMORRHAGE

Documentation of suprachoroidal hemorrhage during B-scan ultrasonography. Case report. Dannemann AF, et al. **Arch Ophthalmol** 1989 Jul;107(7):960

EYE MOVEMENTS

Eye tracking dysfunction is associated with partial trisomy of chromosome 5 and schizophrenia: a response [letter] Holzman PS, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):756–8
Saccadic distractibility in schizophrenic patients with tardive dyskinesia [letter] Thaker GK, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):755–6

EYE NEOPLASMS

Identification and significance of multinucleate tumor cells in retinoblastoma. Howard MA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1025–30
Rod cell-specific antigens in retinoblastoma. Vrabec T, et al. **Arch Ophthalmol** 1989 Jul;107(7):1061–3

EYEGLASSES

The effect of wearing spectacles on the humidity of the eye. Tsubota K. **Am J Ophthalmol** 1989 Jul 15;108(1):92–3

EYELID DISEASES

Management of chronic blepharitis [letter] Coroneo M. **Arch Ophthalmol** 1989 Jul;107(7):951–2

EYELIDS

Effect of eyelid closure and vocalization upon the vestibulo-ocular reflex during rotational testing. Weissman BM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):548–50

FACE

Ocular findings in arteriohepatic dysplasia (Alagille's syndrome). Raymond WR, et al. **Arch Ophthalmol** 1989 Jul;107(7):1077
Remembering faces and drawings: a test of Hasher & Zacks' model of automatic processing in a Turkish sample. Ozekes M, et al. **J Gerontol** 1989 Jul;44(4):P122–3
Comparison of soft-tissue enhanced and conventional cephalometric radiographs. Bunel K, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):804–7
Factors influencing the stability of the sagittal split osteotomy for mandibular advancement. Will LA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):813–8
Localization of injected silicone with MRI prior to removal by suction cannula [letter] Bailey MH, et al. **Plast Reconstr Surg** 1989 Aug;84(2):364–6

FACIAL ASYMMETRY

Botulinum toxin: a treatment for facial asymmetry caused by facial nerve paralysis. Clark RP, et al. **Plast Reconstr Surg** 1989 Aug;84(2):353–5

FACIAL BONES

The changing picture of facial fractures. 5-Year review. Beck RA, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):826–9
Factors influencing the stability of the sagittal split osteotomy for mandibular advancement. Will LA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):813–8
Porous hydroxyapatite as an onlay bone-graft substitute for maxillofacial surgery. Salyer KE, et al. **Plast Reconstr Surg** 1989 Aug;84(2):236–44

FACIAL INJURIES

American Association of Oral and Maxillofacial Surgeons, 71st annual meeting and scientific sessions. September 20–24, 1989, San Francisco. Educational summaries and outlines. **J Oral Maxillofac Surg** 1989 Aug;47(8 Suppl 1):1–152

FACIAL MUSCLES

Management of facial spasm with Clostridium botulinum toxin [letter] Sanders DB, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):882

FACIAL PARALYSIS

Botulinum toxin: a treatment for facial asymmetry caused by facial nerve paralysis. Clark RP, et al. **Plast Reconstr Surg** 1989 Aug;84(2):353–5

FACILITY DESIGN AND CONSTRUCTION

Hospital art and its problems. Delamothe T. **BMJ** 1989 Apr 29;298(6681):1164–5

FACTOR VIII

A monoclonal antibody to von Willebrand factor (vWF) inhibits factor VIII binding. Localization of its antigenic determinant to a nonadecapeptide at the amino terminus of the mature vWF polypeptide. Bahou WF, et al. **J Clin Invest** 1989 Jul;84(1):56–61
Pharmacokinetics of recombinant antihemophilic factor [letter] Longo G, et al. **N Engl J Med** 1989 Aug 3; 321(5):329–30

FACTOR IX

Three point mutations in the factor IX genes of five hemophilia B patients. Identification strategy using localization by altered epitopes in their hemophilic proteins. Chen SH, et al. **J Clin Invest** 1989 Jul;84(1):113–8

FACTOR XIII

Origin of HA-fibrin glue mixture for ridge augmentation [letter] Bochlogyros PN. **J Oral Maxillofac Surg** 1989 Aug; 47(8):891

FACULTY, MEDICAL

Faculty renewal: modeling the impact of the end of mandatory retirement in the University of California

medical schools. Friedman PJ. **Acad Med** 1989 Jul; 64(7):372–7
Immigration issues in hiring alien physicians as teachers. Robinson GH, et al. **Acad Med** 1989 Jul;64(7):357–62
The impatient unit director [letter] Moldawsky RJ. **Am J Psychiatry** 1989 Aug;146(8):1080–1
University-based radiology departments: a perspective. Gamsu G. **Radiology** 1989 Jul;172(1):283–4
Pedigrees of southern surgical chairmen. Cohn I Jr. **South Med J** 1989 Jul;82(7):892–6

FALLOPIAN TUBES

Hernia uterus inguinale associated with unicornuate uterus. Elliott DC, et al. **Arch Surg** 1989 Jul;124(7):872–3

FAMILY

Bipolar affective disorder and high achievement: a familial association. Coryell W, et al. **Am J Psychiatry** 1989 Aug; 146(8):983–8
Psychosocial changes perceived by closed-head-injured adults and their families. Hendryx PM. **Arch Phys Med Rehabil** 1989 Jul;70(7):526–30
Evidence of inherited susceptibility of increased streptococcal adherence to pharyngeal cells of children with rheumatic fever. Hafez M, et al. **Br J Rheumatol** 1989 Aug;28(4):304–9
Mortality decline and Chinese family structure: implications for old age support. Tu EJ, et al. **J Gerontol** 1989 Jul; 44(4):S157–68
Alcohol and family violence [letter] Schwartz I. **JAMA** 1989 Jul 21;262(3):351–2
Home visiting: a necessary but not in itself sufficient program component for promoting the health and development of families and children. Chamberlin RW. **Pediatrics** 1989 Jul; 84(1):178–80
Family functioning, temperament, and psychologic adaptation in children with congenital or acquired limb deficiencies. Varni JW, et al. **Pediatrics** 1989 Aug; 84(2):323–30

FAMILY PLANNING

Chlamydia trachomatis and Neisseria gonorrhoeae in asymptomatic family planning patients in rural New Mexico. Bell TA, et al. **West J Med** 1989 May;150(5):543–4

FAMILY PRACTICE

Practice locations of Texas family practice residency graduates, 1979–1987. Denton DR, et al. **Acad Med** 1989 Jul;64(7):400–5
An education program to reduce unnecessary laboratory tests by residents. Dowling PT, et al. **Acad Med** 1989 Jul; 64(7):410–2
Recommended core educational guidelines on nutrition for family practice residents. **Am Fam Physician** 1989 Jul; 40(1):265–6
Recruitment for family medicine [letter] Canty M. **Am Fam Physician** 1989 Jul;40(1):52, 54
General practitioner obstetrics [letter] **BMJ** 1989 Apr 29; 298(6681):1177–8
Audit of 26 years of obstetrics in general practice [letter] Prentice A, et al. **BMJ** 1989 May 13;298(6683):1313
Characteristics of patients who highly utilize telephone medical care in a private practice. Daugird AJ, et al. **J Fam Pract** 1989 Jul;29(1):59–63; discussion 63–4
Importance of board certification in family practice [letter] Greenberg BD. **J Fam Pract** 1989 Jul;29(1):18–9
Obstetrics in family practice [letter] Ruane TJ. **J Fam Pract** 1989 Jul;29(1):16
The economic impact and multiplier effect of a family practice clinic on an academic medical center. Schneeweiss R, et al. **JAMA** 1989 Jul 21;262(3):370–5
Why not base clinical education in general practice? Oswald N. **Lancet** 1989 Jul 15;2(8655):148–9

FANCONI SYNDROME

Cytoplasmic crystals in multiple myeloma-associated Fanconi's syndrome. A morphological study including immunoelectron microscopy. Truong LD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):781–5
Acute ifosfamide-induced tubular toxicity [letter] Heney D, et al. **Lancet** 1989 Jul 8;2(8654):103–4

FANTASY

The presumptive role of fantasy in serial sexual homicide. Prentky RA, et al. **Am J Psychiatry** 1989 Jul;146(7):887–91

FASCIA

Early fasciotomy for acute clinically evident posttraumatic compartment syndrome. Lagerstrom CF, et al. **Am J Surg** 1989 Jul;158(1):36–9
The use of rectus fascia to manage urinary incontinence. Bauer SB, et al. **J Urol** 1989 Aug;142(2 Pt 2):516–9; discussion 520–1

FASCICULATION

Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Lanier WL, et al. **Anesthesiology** 1989 Jul;71(1):87–95

FASCIITIS

Gas-producing necrotizing fasciitis following mandibular fracture. Falender LG, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):856–9

FAT EMULSIONS, INTRAVENOUS

Cardiopulmonary effects of Intralipid infusion in critically ill patients [letter] Isenstein DA. **Crit Care Med** 1989 Jul; 17(7):710

FATHER–CHILD RELATIONS

New fathers' blood pressure and heart rate: relationships to interaction with their newborn infants. Jones LC, et al. **Nurs Res** 1989 Jul–Aug;38(4):237–41

FATHERS

New fathers' blood pressure and heart rate: relationships to interaction with their newborn infants. Jones LC, et al. **Nurs Res** 1989 Jul–Aug;38(4):237–41

FATIGUE

Changes in dyspnea-fatigue ratings as indicators of quality of life in the treatment of congestive heart failure. Feinstein AR, et al. **Am J Cardiol** 1989 Jul 1;64(1):50–5
Premenstrual syndrome [letter] Holland R. **Can Med Assoc J** 1989 Jul 15;141(2):104
Red blood cell morphology in chronic fatigue syndrome [letter] Lloyd A, et al. **Lancet** 1989 Jul 22;2(8656):217
Acyclovir treatment of the chronic fatigue syndrome [letter] **N Engl J Med** 1989 Jul 20;321(3):187–9
Chronic fatigue syndrome. A critical appraisal of the role of Epstein-Barr virus. Koo D. **West J Med** 1989 May; 150(5):590–6 (44 ref.)

FATTY ACIDS

High-fiber diets: influence on characteristics of cecal digesta including short-chain fatty acid concentrations and pH. Fleming SE, et al. **Am J Clin Nutr** 1989 Jul;50(1):93–9
Fatty acid ethyl esters in adipose tissue. A laboratory marker for alcohol-related death. Laposata EA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):762–6
Mechanisms by which saturated triacylglycerols elevate the plasma low density lipoprotein-cholesterol concentration in hamsters. Differential effects of fatty acid chain length. Woollett LA, et al. **J Clin Invest** 1989 Jul;84(1):119–28

FATTY ACIDS, NONESTERIFIED

Early detection of myocardial ischemia by myocardial free fatty acid extraction in patients with exercise-induced angina pectoris. Kamihara S, et al. **Am J Cardiol** 1989 Jul 15;64(3):180–5
Free fatty acids suppress growth hormone, but not luteinizing hormone, secretion in sheep. Estienne MJ, et al. **Endocrinology** 1989 Jul;125(1):85–91
Glucose and free fatty acid metabolism in non-insulin-dependent diabetes mellitus. Evidence for multiple sites of insulin resistance. Groop LC, et al. **J Clin Invest** 1989 Jul;84(1):205–13

FATTY ALCOHOLS

Frequent endoscopic variceal sclerotherapy increases risk of complications. Prospective randomized controlled study of two treatment schedules. Akriviadis E, et al. **Dig Dis Sci** 1989 Jul;34(7):1068–74

FEAR

Prodromal symptoms in panic disorder [letter] **Am J Psychiatry** 1989 Aug;146(8):1084–5
Stimulants, panic, and BEAM EEG abnormalities [letter] Abraham HD. **Am J Psychiatry** 1989 Jul;146(7):947–8
Panic disorder following 2-chloroprocaine [letter] Ackerman WE, et al. **Am J Psychiatry** 1989 Jul;146(7):940–1
Three cases of panic disorder with agoraphobia in children. Ballenger JC, et al. **Am J Psychiatry** 1989 Jul;146(7):922–4
Adjunctive buspirone in benzodiazepine treatment of four patients with panic disorder. Gastfriend DR, et al. **Am J Psychiatry** 1989 Jul;146(7):914–6
Panic attacks in young adolescents. Hayward C, et al. **Am J Psychiatry** 1989 Aug;146(8):1061–2
Plasma lipid levels in patients with panic disorder or agoraphobia. Hayward C, et al. **Am J Psychiatry** 1989 Jul; 146(7):917–9
Late-life onset of panic disorder with agoraphobia in three patients. Luchins DJ, et al. **Am J Psychiatry** 1989 Jul; 146(7):920–1
Responses to hypercarbia induced by acetazolamide in panic disorder patients. Mathew RJ, et al. **Am J Psychiatry** 1989 Aug;146(8):996–1000
Panic disorder in children at high risk for depression. Moreau DL, et al. **Am J Psychiatry** 1989 Aug;146(8):1059–60
Relapse and rebound following discontinuation of benzodiazepine treatment of panic attacks: alprazolam versus diazepam. Roy-Byrne PP, et al. **Am J Psychiatry** 1989 Jul;146(7):860–5
Panic and hypertension associated with single dose of buspirone [letter] Chignon JM, et al. **Lancet** 1989 Jul 1; 2(8653):46–7

FECES

Diet and fecal steroid profile in a South Asian population with a low colon-cancer rate. McKeigue PM, et al. **Am J Clin Nutr** 1989 Jul;50(1):151–4
Dietary fat intake, 72-hour excretion, and Sudan stain for fecal fat [letter] **Gastroenterology** 1989 Aug;97(2):550–1
Old insight into a new insight into an old test [letter] Bernstein LH. **Gastroenterology** 1989 Aug;97(2):552–3
Identification of unsuspected cases of giardiasis by wet-film microscopy [letter] Gibb AP. **Lancet** 1989 Jul 22; 2(8656):216–7

FECES, IMPACTED

Fecal impaction due to geophagia [letter] Wrenn K. **South Med J** 1989 Jul;82(7):932

FEES, MEDICAL

Prohibition on charges for services of assistant cataract surgeons upheld by Federal Court of Appeals. Portman RM. **Arch Ophthalmol** 1989 Jul;107(7):975–7

FEMORAL ARTERY

Transluminal laser angioplasty of the femoropopliteal circulation by use of a percutaneous popliteal approach. Leachman DR, et al. **Am J Cardiol** 1989 Jul 1;64(1):106–8
Pregnancy after aortofemoral bypass grafting in a diabetic patient. Bradley-Watson PJ. **Am J Obstet Gynecol** 1989 Jul;161(1):200–1
Thrombosis of axillary-femoral bypass secondary to prosthesis suspension belt. Rook JL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):559–61
Percutaneous angioscopy as adjunct to laser angioplasty in peripheral arteries [letter] White GH, et al. **Lancet** 1989 Jul 8;2(8654):99
US location of the adductor canal hiatus: morphologic study. Scholten FG, et al. **Radiology** 1989 Jul;172(1):75–8
A simple technique for in situ saphenous vein arterial bypass graft with anastomoses at the common femoral or external iliac artery. Tanchajja S, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):78

FEMORAL FRACTURES

Severe trauma to the lower extremity: long-term sequelae. Moore TJ, et al. **South Med J** 1989 Jul;82(7):843–4

FEMORAL NEOPLASMS

Surgically curable hypophosphatemic rickets. Diagnosis and management. Hanukoglu A, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):321–5

FEMORAL VEIN

Thrombectomy of acute iliofemoral venous thrombosis during pregnancy. Mogensen K, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):50–4

FEMUR

Retrieval of fractured cemented femoral stems. Welch RB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):918–9

FEMUR HEAD

Trabecular microfractures. Nature and distribution in the proximal femur. Koszyca B, et al. **Clin Orthop** 1989 Jul; (244):208–16
Herniation pits of the femoral neck: appearance at MR imaging. Nokes SR, et al. **Radiology** 1989 Jul;172(1):231–4

FEMUR HEAD NECROSIS

Normal somatomedin-C activity measured by radioimmunoassay in Perthes' disease. Kitsugi T, et al. **Clin Orthop** 1989 Jul;(244):217–21
Magnetic resonance imaging of the ischemic femoral head in pigs. Dependency of signal intensities and relaxation times on elapsed time. Lang P, et al. **Clin Orthop** 1989 Jul;(244):272–80
Magnetic resonance imaging of the ischemic hip. Alterations within the osteonecrotic, viable, and reactive zones. Mitchell DG, et al. **Clin Orthop** 1989 Jul;(244):60–77
Long-term results of total hip arthroplasty for osteonecrosis of the femoral head. A comparison with osteoarthritis. Saito S, et al. **Clin Orthop** 1989 Jul;(244):198–207
Mode of inheritance of Perthes' disease in Manchester terriers. Vasseur PB, et al. **Clin Orthop** 1989 Jul; (244):281–92

FENOTEROL

Effect of fenoterol on plasma potassium and cardiac ectopic activity [letter] Haalboom JR, et al. **Lancet** 1989 Jul 1; 2(8653):45

Fenoterol and fatal asthma. O'Donnell TV, et al. **Lancet** 1989 Jul 1;2(8653):45

FENTANYL

Fentanyl citrate analgesia during labor. Rayburn W, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):202–6

Imprecise fentanyl and sufentanil labels [letter] Kennedy RW, et al. **Anesth Analg** 1989 Jul;69(1):1003–4

Intrathecal narcotics for labor revisited: the combination of fentanyl and morphine intrathecally provides rapid onset of profound, prolonged analgesia. Leighton BL, et al. **Anesth Analg** 1989 Jul;69(1):988–91

Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Schmeling WT, et al. **Anesth Analg** 1989 Jul;69(1):870–80

Oral transmucosal fentanyl citrate (lollipop) premedication in human volunteers. Stanley TH, et al. **Anesth Analg** 1989 Jul;69(1):887–93

Oral transmucosal fentanyl citrate premedication in children. Streisand JB, et al. **Anesth Analg** 1989 Jul;69(1):894–900

Effect of propranolol on the first pass uptake of fentanyl in the human and rat lung. Roerig DL, et al. **Anesthesiology** 1989 Jul;71(1):62–8

Inhibition of alfentanil metabolism by erythromycin. Bartkowski RR, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):99–102

FERRIC COMPOUNDS

Iron fortification of flour with a complex ferric orthophosphate. Hallberg L, et al. **Am J Clin Nutr** 1989 Jul;50(1):129–35

Superparamagnetic iron oxide-enhanced MR imaging: pulse sequence optimization for detection of liver cancer. Fretz CJ, et al. **Radiology** 1989 Aug;172(2):393–7

FERRICYANIDES

Myocardial energetics in patients with dilated cardiomyopathy. Influence of nitroprusside and enoximone. Hasenfuss G, et al. **Circulation** 1989 Jul;80(1):51–64

Ketanserin in the treatment of pulmonary hypertension after valvular surgery: a comparison with sodium nitroprusside. van der Starre PJ, et al. **Crit Care Med** 1989 Jul;17(7):613–8

FERRITIN

Role of ferritin supported in diagnosis of anemias of pregnancy [letter] Goodlin RC. **Am J Obstet Gynecol** 1989 Jul;161(1):258–9

The use of oncofetal ferritin-bearing lymphocytes as a marker for the screening, diagnosis, and follow-up of patients with early breast malignancy screening of 3400 women. Moroz C, et al. **Cancer** 1989 Aug 1;64(3):691–7

FERTILITY

Sexual function and fertility in patients treated for posterior urethral valves. Woodhouse CR, et al. **J Urol** 1989 Aug; 142(2 Pt 2):586–8; discussion 603–5

FERTILIZATION

Significance of D-mannose as a sperm receptor site on the zona pellucida in human fertilization. Mori K, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):207–11

FERTILIZATION IN VITRO

Two-embryo transfer [letter] Bennett SJ, et al. **Lancet** 1989 Jul 22;2(8656):215

FETAL ANOXIA

Adverse effects of maternally administered lidocaine on the asphyxiated preterm fetal lamb. Morishima HO, et al. **Anesthesiology** 1989 Jul;71(1):110–5

FETAL BLOOD

Detection of fetal blood [letter] Leiberman JR, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):257–8

Fetal prolactin levels respond to a maternal melatonin implant. Serón-Ferré M, et al. **Endocrinology** 1989 Jul; 125(1):400–3

FETAL DEATH

Fetal death: diagnosis and management [letter] Merlob P. **Am J Obstet Gynecol** 1989 Jul;161(1):254

FETAL DEVELOPMENT

Individual growth curve standards in twins: prediction of third-trimester growth and birth characteristics. Stefos T, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):179–83

Delayed thymocyte maturation in the trisomy 16 mouse fetus. Berger CN, et al. **J Immunol** 1989 Jul 15;143(2):389–96

FETAL DISEASES

Spontaneous resolution of a cystic neck mass in a fetus with normal karyotype. Distell BM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):380–2

First-trimester and early second-trimester diagnosis of nuchal cystic hygroma by transvaginal sonography: diverse prognosis of the septated from the nonseptated lesion. Bronshtein M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):78–82

Fetal and neonatal cardiovascular complications from beta-sympathomimetic therapy for tocolysis. Katz VL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):1–4

Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Vyas S, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):168–72

Neonatal urological ultrasound: diagnostic inaccuracies and pitfalls. Clarke NW, et al. **Arch Dis Child** 1989 Apr; 64(4):578–80

The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. Dejter SW Jr, et al. **J Urol** 1989 Aug;142(2 Pt 2):661–2; discussion 667–8

Pulmonary development in the fetal lamb with severe bladder outlet obstruction and oligohydramnios: a morphometric study. Docimo SG, et al. **J Urol** 1989 Aug;142(2 Pt 2):657–60; discussion 667–8

Urinary obstruction reduces glomerulogenesis in the developing kidney: a model in the rabbit. McVary KT, et al. **J Urol** 1989 Aug;142(2 Pt 2):646–51; discussion 667–8

Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. Shapiro E, et al. **J Urol** 1989 Aug;142(2 Pt 2):663–6; discussion 667–8

Serial renal function in an ovine model of unilateral fetal urinary tract obstruction. Ward RM, et al. **J Urol** 1989 Aug;142(2 Pt 2):652–6; discussion 667–8

Echo-planar magnetic resonance imaging in abnormal pregnancies [letter] Stehling MK, et al. **Lancet** 1989 Jul 15;2(8655):157

Detection of fetal central nervous system anomalies: a practical level of effort for a routine sonogram [see comments] Filly RA, et al. **Radiology** 1989 Aug; 172(2):403–8. **Comment in:** Radiology 1989 Aug;172(2):309–311

Level 1, level 2, level 3 obstetric sonography: I'll see your level and raise you one [editorial] Filly RA. **Radiology** 1989 Aug;172(2):312

Effacement of the fetal cisterna magna in association with myelomeningocele [see comments] Goldstein RB, et al. **Radiology** 1989 Aug;172(2):409–13. **Comment in:** Radiology 1989 Aug;172(2):309–311

Recommendations for obstetric sonography in the evaluation of the fetal cranium [editorial; comment] Nyberg DA. **Radiology** 1989 Aug;172(2):309–11. **Comment on:. Comment on:** Radiology 1989 Aug;172(2):403–8 Radiology 1989 Aug;172(2):409–13

Lethal fetal anomalies: sonographic demonstration. Sanders RC, et al. **Radiology** 1989 Jul;172(1):1–6 (38 ref.)

FETAL DISTRESS

Right ventricular dysfunction in human fetal compromise. Räsänen J, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):136–40

FETAL GROWTH RETARDATION

Effects of maternal hyperoxia on the biophysical assessment of fetuses with suspected intrauterine growth retardation. Ruedrich DA, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):188–92

Maternal cocaine use during pregnancy: effect on the newborn infant. Hadeed AJ, et al. **Pediatrics** 1989 Aug; 84(2):205–10

FETAL HEART

Preterm and term fetal cardiac and movement responses to vibratory acoustic stimulation. Thomas RL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):141–5

FETAL MEMBRANES, PREMATURE RUPTURE

Saline solution amnioinfusion for oligohydramnios after premature rupture of the membranes. A preliminary report. Imanaka M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):102–6

FETAL MONITORING

Postdate fetal surveillance: is 41 weeks too early? Guidetti DA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):91–3

Usefulness of continuous fetal heart rate monitoring during cesarean section. Petrikovsky BM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):36–7

FETAL MOVEMENT

Effects of maternal hyperoxia on the biophysical assessment of fetuses with suspected intrauterine growth retardation. Ruedrich DA, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):188–92

Preterm and term fetal cardiac and movement responses to vibratory acoustic stimulation. Thomas RL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):141–5

The effects of methadone treatment on the reactivity of the nonstress test. Archie CL, et al. **Obstet Gynecol** 1989 Aug; 74(2):254–5

Doppler recording of fetal movement: clinical correlation with real-time ultrasound. Besinger RE, et al. **Obstet Gynecol** 1989 Aug;74(2):777–80

FETOMATERNAL TRANSFUSION

Detection of fetal blood [letter] Leiberman JR, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):257–8

FETUS

The effect of elevated blood glucose on the electroencephalogram and cerebral metabolism during short-term brain ischemia in fetal sheep. Chao CR, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):221–8

Fetal radius length: a critical evaluation of race as a factor in gestational age assessment. Hill LM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):193–9

Fetal liver length in normal and isoimmunized pregnancies. Roberts AB, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):42–6

Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Vyas S, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):168–72

Adverse effects of maternally administered lidocaine on the asphyxiated preterm fetal lamb. Morishima HO, et al. **Anesthesiology** 1989 Jul;71(1):110–5

Are pancarcinoma T and Tn differentiation antigens? Barr N, et al. **Cancer** 1989 Aug 15;64(4):834–41

Development of a method for isolation of islets from human fetal pancreas. Kover K, et al. **Diabetes** 1989 Jul; 38(7):917–24

Prenatal photoperiod influences neonatal prolactin secretion in the sheep. Ebling FJ, et al. **Endocrinology** 1989 Jul; 125(1):384–91

Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. Benigni A, et al. **N Engl J Med** 1989 Aug 10;321(6):357–62

Disparity of amniotic fluid volume and fetal size: problem of the stuck twin—US studies. Patten RM, et al. **Radiology** 1989 Jul;172(1):153–7

FEVER

Adverse reactions to griseofulvin in patients with circulating anti-SSA/Ro and SSB/La autoantibodies. Miyagawa S, et al. **Am J Med** 1989 Jul;87(1):100–2

Effect of inhibiting prostaglandin synthesis in pregnant sheep with 4-aminoantipyrine under normothermic and hyperthermic conditions. Andrianakis P, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):241–7

Ibuprofen, acetaminophen, and placebo treatment of febrile children. Walson PD, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):9–17

Side-effects of pamidronate [letter] Gallacher SJ, et al. **Lancet** 1989 Jul 1;2(8653):42–3

FEVER OF UNKNOWN ORIGIN

Should blood cultures be obtained in the evaluation of young febrile children without evident focus of bacterial infection? A decision analysis of diagnostic management strategies. Kramer MS, et al. **Pediatrics** 1989 Jul;84(1):18–27

Mycotic aneurysm presenting as fever of unknown origin. Asthana S, et al. **West J Med** 1989 Jun;150(6):694–6

FIBER OPTICS

Video display for teaching fiberoptic intubations [letter] Dubin SA, et al. **Anesthesiology** 1989 Jul;71(1):167

FIBRIN

Local abnormalities of coagulation and fibrinolytic pathways that promote alveolar fibrin deposition in the lungs of baboons with diffuse alveolar damage. Idell S, et al. **J Clin Invest** 1989 Jul;84(1):181–93

FIBRINOGEN

Increased plasma fibrinopeptide A levels during attacks induced by hyperventilation in patients with coronary vasospastic angina. Oshima S, et al. **J Am Coll Cardiol** 1989 Jul;14(1):150–4

Incorporation of intravenously injected albumin, immunoglobulin G, and fibrinogen in guinea pig megakaryocyte granules. Handagama PJ, et al. **J Clin Invest** 1989 Jul;84(1):73–82

Origin of HA-fibrin glue mixture for ridge augmentation [letter] Bochlogyros PN. **J Oral Maxillofac Surg** 1989 Aug; 47(8):891

FIBRINOGENS, ABNORMAL

Fibrinogen Stony Brook, a heterozygous A alpha

16Arg——Cys dysfibrinogenemia. Evaluation of diminished platelet aggregation support and of enhanced inhibition of fibrin assembly. Galanakis DK, et al. **J Clin Invest** 1989 Jul;84(1):295-304

FIBRINOLYSIS

Local abnormalities of coagulation and fibrinolytic pathways that promote alveolar fibrin deposition in the lungs of baboons with diffuse alveolar damage. Idell S, et al. **J Clin Invest** 1989 Jul;84(1):181-93

FIBRINOLYTIC AGENTS

A symposium: Early intervention in the treatment of acute myocardial infarction—clinical profile of Eminase (APSAC). November 12, 1988, Washington, D.C. **Am J Cardiol** 1989 Jul 5;64(2):1A-42A

Reperfusion, patency and reocclusion with anistreplase (APSAC) in acute myocardial infarction. Anderson JL. **Am J Cardiol** 1989 Jul 5;64(2):12A-17A; discussion 24A-26A (31 ref.)

Limitation of myocardial infarct size and preservation of left ventricular function by early administration of APSAC in myocardial infarction. Bassand JP, et al. **Am J Cardiol** 1989 Jul 5;64(2):18A-23A; discussion 24A-26A

Prehospital use of APSAC: results of a placebo-controlled study. Castaigne AD, et al. **Am J Cardiol** 1989 Jul 5; 64(2):30A-33A; discussion 41A-42A

Unanswered questions in thrombolysis. Chamberlain DA. **Am J Cardiol** 1989 Jul 5;64(2):34A-40A; discussion 41A-42A (43 ref.)

Increased survival after APSAC: 30-day and 12-month mortality data from the APSAC Intervention Mortality Study. Julian DG. **Am J Cardiol** 1989 Jul 5;64(2):27A-29A; discussion 41A-42A

Comparison of thrombolytic agents: selected hematologic, vascular and clinical events. Marder VJ. **Am J Cardiol** 1989 Jul 5;64(2):2A-7A; discussion 24A-26A (35 ref.)

Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Stein B, et al. **Am J Cardiol** 1989 Jul 18;64(4):33B-40B (51 ref.)

Effect of combined administration of saruplase and single-chain alteplase on coronary recanalization in acute myocardial infarction. Tranchesi B Jr, et al. **Am J Cardiol** 1989 Jul 15;64(3):229-32

Patient selection for thrombolytic therapy. Wasserman AG, et al. **Am J Cardiol** 1989 Jul 18;64(4):17B-21B (18 ref.)

Successful and unsuccessful coronary thrombolysis. Davies MJ. **Br Heart J** 1989 May;61(5):381-4 (28 ref.)

Cineangiographic and pathological features of the infarct related vessel in successful and unsuccessful thrombolysis. Onodera T, et al. **Br Heart J** 1989 May;61(5):385-9

Thrombolytic therapy [letter] Poole-Wilson PA. **Lancet** 1989 Jul 15;2(8655):153

Success of acute thrombolytic therapy in acute myocardial infarction: what does it demand from cardiac imaging in the 1990s? [editorial] Higgins CB. **Radiology** 1989 Jul; 172(1):17-9

FIBROBLASTS

Hyperproliferation of conjunctival fibroblasts from patients with cicatricial pemphigoid. Roat MI, et al. **Arch Ophthalmol** 1989 Jul;107(7):1064-7

Use of injectable cultured human fibroblasts for percutaneous tissue implantation. An experimental study. Remmler D, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):837-44

Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. **J Immunol** 1989 Aug 15;143(4):1318-26

Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142-8

Plasminogen activator and prostaglandin E2 levels in human synovial fibroblasts. Differential stimulation by synovial activator and other cytokines. Leizer T, et al. **J Immunol** 1989 Aug 1;143(3):971-8

Modulation of mRNA levels for urinary- and tissue-type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. Michel JB, et al. **J Immunol** 1989 Aug 1;143(3):890-5

Hypoxia and endotoxin induce macrophage-mediated suppression of fibroblast proliferation. Bankey P, et al. **J Trauma** 1989 Jul;29(7):972-9; discussion 979-80

FIBROMA

Pathologic quiz case 2. Fibromyxoma of the ethmoidal sinus with secondary sphenoidal sinus mucocele. Alleva MD, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):878-9, 881

Juvenile hyaline fibromatosis. A case report and review of musculoskeletal manifestations. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):941-4 (26 ref.)

Dermatofibromas and arthropod bites: is there any evidence to link the two? Evans J, et al. **Lancet** 1989 Jul 1; 2(8653):36-7

FIBROMYALGIA

Prevalence of mitral valve prolapse in primary fibromyalgia: a pilot investigation. Pellegrino MJ, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):541-3

FIBRONECTINS

Fibronectin does not enhance epidermal growth factor-mediated acceleration of corneal epithelial wound closure. Soong HK, et al. **Arch Ophthalmol** 1989 Jul; 107(7):1052-4

Synthesis and expression of the fibroblast fibronectin receptor in human monocytes. Brown DL, et al. **J Clin Invest** 1989 Jul;84(1):366-70

FIBROSARCOMA

Dermatofibrosarcoma protuberans with fibrosarcomatous areas. A clinicopathologic study of nine cases and a comparison with allied tumors. Ding J, et al. **Cancer** 1989 Aug 1;64(3):721-9

Soft tissue fibrosarcoma. A clinicopathologic study of 132 cases. Scott SM, et al. **Cancer** 1989 Aug 15;64(4):925-31 (21 ref.)

Lymphocytes generated by in vivo priming and in vitro sensitization demonstrate therapeutic efficacy against a murine tumor that lacks apparent immunogenicity. Shu SY, et al. **J Immunol** 1989 Jul 15;143(2):740-8

FIBULA

Vascularized fibular graft to replace resected cervical vertebral bodies. Case report. Freidberg SR, et al. **J Neurosurg** 1989 Aug;71(2):283-6

FILARIASIS

Zoonotic Brugia infections in North and South America. Orihel TC, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):638-47 (25 ref.)

FILTRATION

Experience with the Amplatz retrievable vena cava filter. Epstein DH, et al. **Radiology** 1989 Jul;172(1):105-10

Simon nitinol inferior vena cava filter: initial clinical experience. Work in progress. Simon M, et al. **Radiology** 1989 Jul;172(1):99-103

Inferior vena cava filter: search for an ideal device [editorial] Yune HY. **Radiology** 1989 Jul;172(1):15-6

FINANCIAL MANAGEMENT

Survey reveals cost, time of PPS conversion. Koska MT. **Hospitals** 1989 Jul 5;63(13):78

Investing locally may lower profits. Larkin H. **Hospitals** 1989 Jul 5;63(13):32-3

FINANCING, GOVERNMENT

Growth of digestive diseases research funds and investigators supported by the National Institutes of Health. Kalser SC, et al. **Gastroenterology** 1989 Aug;97(2):482-7

Federal support for digestive diseases research [editorial] Trier JS. **Gastroenterology** 1989 Aug;97(2):504-5

Irish electorate speaks on health [editorial] **Lancet** 1989 Jul 8;2(8654):80-1

FINGERS

"Fingertip unit" in dermatology [letter] Finlay AY, et al. **Lancet** 1989 Jul 15;2(8655):155

Use of radio-frequency field gradients to image blood flow and perfusion in vivo. Karczmar GS, et al. **Radiology** 1989 Aug;172(2):363-6

FIREARMS

Lead absorption in indoor firing range users. Valway SE, et al. **Am J Public Health** 1989 Aug;79(8):1029-32

FIRES

Firefighting acutely increases airway responsiveness. Sherman CB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):185-90

FIRST AID

Prehospital intraosseous infusion by emergency medical services personnel: a prospective study. Seigler RS, et al. **Pediatrics** 1989 Jul;84(1):173-7

FISH OILS

Administration of structured lipid composed of MCT and fish oil reduces net protein catabolism in enterally fed burned rats. Teo TC, et al. **Ann Surg** 1989 Jul;210(1):100-7

Randomised trial of fish oil for prevention of restenosis after coronary angioplasty. Reis GJ, et al. **Lancet** 1989 Jul 22; 2(8656):177-81

FISHES

Current issues in food safety—especially seafoods. Liston J. **J Am Diet Assoc** 1989 Jul;89(7):911-3

FISSURE IN ANO

Sequelae of internal sphincterotomy for chronic fissure in ano. Khubchandani IT, et al. **Br J Surg** 1989 May; 76(5):431-4

FISTULA

Reconstruction of nasal fistulas of the medial canthus. Putterman AM. **Am J Ophthalmol** 1989 Jul 15;108(1):68-74

Role of perilymphatic fistula in sudden hearing loss: an animal model. Oshiro EM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):491-5

Treatment of 27 postoperative enterocutaneous fistulas with the long half-life somatostatin analogue SMS 201-995. Nubiola P, et al. **Ann Surg** 1989 Jul;210(1):56-8

Treatment of labyrinthine fistula. Palva T, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):804-6

Primary aortoduodenal fistula. Diagnosis by computed tomography. Ibrahim IM, et al. **Arch Surg** 1989 Jul; 124(7):870-1

Rectus abdominis muscle flap [letter] Heaton ND, et al. **Br J Surg** 1989 May;76(5):525

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542-6

Coronary artery to right ventricle fistula in heart transplant recipients: a complication of endomyocardial biopsy. Henzlova MJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):258-61

Aortoesophageal fistula: early postoperative complication at the distal anastomosis of an aortic graft. Borrero E, et al. **South Med J** 1989 Jul;82(7):927-30

FIXATIVES

Cetylpyridinium chloride as a fixative for glycosaminoglycans in histologic sections [letter] Scott JE. **Arch Dermatol** 1989 Jul;125(7):1002

FLATFOOT

Corrective Shoes and Inserts as Treatment for Flexible Flatfoot in Infants and Children [letter] **J Bone Joint Surg [Am]** 1989 Jul;71(6):953-4

Corrective shoes [editorial] Cohen J, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):799

Corrective shoes and inserts as treatment for flexible flatfoot in infants and children. Wenger DR, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):800-10

FLAVONES

Rapid effects of the flavonoid EMD 21388 on serum thyroid hormone binding and thyrotropin regulation in the rat. Köhrle J, et al. **Endocrinology** 1989 Jul;125(1):532-7

FLECAINIDE

Reversal of electrophysiologic effects of flecainide on the accessory pathway by isoproterenol in the Wolff-Parkinson-White syndrome. Manolis AS, et al. **Am J Cardiol** 1989 Jul 15;64(3):194-8

Flecainide-induced ventricular tachycardia and fibrillation in patients treated for atrial fibrillation. Falk RH. **Ann Intern Med** 1989 Jul 15;111(2):107-11

Identification of drug interactions by meta-analysis of premarketing trials: the effect of smoking on the pharmacokinetics and dosage requirements for flecainide acetate. Holtzman JL, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):1-8

The pharmacodynamic and pharmacokinetic interaction between single doses of flecainide acetate and verapamil: effects on cardiac function and drug clearance. Holtzman JL, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):26-32

Flecainide acetate for resistant arrhythmias in the young: efficacy and pharmacokinetics. Perry JC, et al. **J Am Coll Cardiol** 1989 Jul;14(1):185-91; discussion 192-3

Indications for flecainide [letter] **Lancet** 1989 Jul 8; 2(8654):113-4

Preliminary report: effect of encainide and flecainide on mortality in a randomized trial of arrhythmia suppression after myocardial infarction. The Cardiac Arrhythmia Suppression Trial (CAST) Investigators [see comment] **N Engl J Med** 1989 Aug 10;321(6):406-12. **Comment on:** N Engl J Med 1989 Aug 10;321(6): 386-8

The cardiac arrhythmia suppression trial (CAST) [editorial; comment] Ruskin JN. **N Engl J Med** 1989 Aug 10; 321(6):386-8. **Comment on:** N Engl J Med 1989 Aug 10;321(6):406-12

FLOUR

Iron fortification of flour with a complex ferric orthophosphate. Hallberg L, et al. **Am J Clin Nutr** 1989 Jul;50(1):129-35

FLOW CYTOMETRY

An automated optoelectronic reticulocyte counter. Kojima K, et al. **Am J Clin Pathol** 1989 Jul;92(1):57–61
Flow cytometric evaluation of bronchoscopic washings and lavage fluid for DNA aneuploidy as an adjunct in the diagnosis of lung cancer and tumors metastatic to the lung. Yoss EB, et al. **Chest** 1989 Jul;96(1):54–9
The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. Hellstrom WJ, et al. **J Urol** 1989 Aug;142(2):309–12

FLUID THERAPY

Hypertonic saline–dextran resuscitation of acute canine bile–induced pancreatitis. Horton JW, et al. **Am J Surg** 1989 Jul;158(1):48–56
Hypertonic saline fluid therapy following surgery: a prospective study. Cross JS, et al. **J Trauma** 1989 Jun; 29(6):817–25; discussion 825–6
Factors affecting rapid fluid resuscitation with large–bore introducer catheters. Dutky PA, et al. **J Trauma** 1989 Jun; 29(6):856–60
Hypertonic saline for postoperative fluid therapy: salient features [editorial] Shackford SR. **J Trauma** 1989 Jun; 29(6):894

FLUORESCENCE

In vivo fluorescence of human skin [letter] Anderson RR. **Arch Dermatol** 1989 Jul;125(7):999–1000
Laser–induced fluorescence of ectopic endometrium in rabbits. Vancaillie TG, et al. **Obstet Gynecol** 1989 Aug; 74(2):225–30

FLUORESCENT ANTIBODY TECHNIC

Enzyme immunoassay compared with cell culture and immunofluorescence for detecting genital chlamydia. Mumtaz G, et al. **J Clin Pathol** 1989 Jun;42(6):658–60

FLUORIDES

Position of the American Dietetic Association: the impact of fluoride on dental health. **J Am Diet Assoc** 1989 Jul; 89(7):971–4
Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune–prone lpr mice. Coggeshall KM, et al. **J Immunol** 1989 Aug 1; 143(3):780–6

FLUOROCARBONS

Influence of drug therapy on the ischemic response to acute coronary occlusion in man: supply–side economics. Kern MJ, et al. **Am Heart J** 1989 Aug;118(2):361–80 (109 ref.)
Hemodynamic effects of intravenous lecithin–based perfluorocarbon emulsions in dogs. Mattrey RF, et al. **Crit Care Med** 1989 Jul;17(7):652–6

FLUORODEOXYURIDINE

Regional chemotherapy for hepatic metastases of colorectal carcinoma (continuous intraarterial versus continuous intraarterial/intravenous therapy). Results of a controlled clinical trial. Safi F, et al. **Cancer** 1989 Jul 15;64(2):379–87

FLUOROMETRY

Fluorimetric method for simultaneous estimation of cortisol, corticosterone, and testosterone in plasma. Mattingly D, et al. **J Clin Pathol** 1989 Jun;42(6):661–6

FLUOROSCOPY

Fluoroscopically guided retrograde brush biopsy in the diagnosis of transitional cell carcinoma of the upper urinary tract: results in 45 patients. Sheline M, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):313–6
Incarcerated obturator hernia: case diagnosed at barium enema fluoroscopy. Glicklich M, et al. **Radiology** 1989 Jul; 172(1):51–2

FLUOROURACIL

Toxic cardiogenic shock associated with infusion of 5–fluorouracil. McKendall GR, et al. **Am Heart J** 1989 Jul;118(1):184–6
5–Fluorouracil rechallenge by protracted infusion in refractory breast cancer. Jabboury K, et al. **Cancer** 1989 Aug 15;64(4):793–7

FLUOXETIN

Elevated antidepressant plasma levels after addition of fluoxetine. Aranow AB, et al. **Am J Psychiatry** 1989 Jul; 146(7):911–3
Open trial of fluoxetine in obsessive–compulsive disorder. Jenike MA, et al. **Am J Psychiatry** 1989 Jul;146(7):909–11
Fluoxetine–related anorgasmy [letter] Lydiard RB, et al. **South Med J** 1989 Jul;82(7):933–4

FOLIC ACID

Experimental maternal and neonatal folate status relationships in nonhuman primates. Blocker DE, et al. **Am J Clin Nutr** 1989 Jul;50(1):120–8
Effect of folate supplementation on the incidence of dysplasia and cancer in chronic ulcerative colitis. A case–control study. Lashner BA, et al. **Gastroenterology** 1989 Aug; 97(2):255–9
Folate, dysplasia, and cancer [editorial] Rosenberg IH, et al. **Gastroenterology** 1989 Aug;97(2):502–3

FOLIC ACID DEFICIENCY

Experimental maternal and neonatal folate status relationships in nonhuman primates. Blocker DE, et al. **Am J Clin Nutr** 1989 Jul;50(1):120–8
Effect of folate supplementation on the incidence of dysplasia and cancer in chronic ulcerative colitis. A case–control study. Lashner BA, et al. **Gastroenterology** 1989 Aug; 97(2):255–9
Folate, dysplasia, and cancer [editorial] Rosenberg IH, et al. **Gastroenterology** 1989 Aug;97(2):502–3
Hurricane Gilbert anaemia [letter] Readett DR, et al. **Lancet** 1989 Jul 8;2(8654):101–2

FOOD CONTAMINATION

Current issues in food safety—especially seafoods. Liston J. **J Am Diet Assoc** 1989 Jul;89(7):911–3
Atropine as possible contaminant of comfrey tea [letter] Awang DV, et al. **Lancet** 1989 Jul 1;2(8653):44

FOOD DEPRIVATION

Prevention of prostate cancer and liver tumors in L–W rats by moderate dietary restriction. Pollard M, et al. **Cancer** 1989 Aug 1;64(3):686–90

FOOD, FORMULATED

Use of an expanded–whole–wheat product in the reduction of body weight and serum lipids in obese females. Fordyce–Baum MK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):30–6
Intestinal absorption of peptide enteral formulas in hypoproteinemic (volume expanded) rats: a paired analysis. Brinson RR, et al. **Crit Care Med** 1989 Jul;17(7):657–60
Enteral nutrition in hypermetabolic surgical patients. Cerra FB, et al. **Crit Care Med** 1989 Jul;17(7):619–22
Peptide enteral formulas [editorial] Silk DB. **Crit Care Med** 1989 Jul;17(7):708–9

FOOD, FORTIFIED

Iron fortification of flour with a complex ferric orthophosphate. Hallberg L, et al. **Am J Clin Nutr** 1989 Jul;50(1):129–35
Nutritional supplementation: effects on child stunting because of diarrhea. Lutter CK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):1–8

FOOD HABITS

Cohort study of diet, lifestyle, and prostate cancer in Adventist men. Mills PK, et al. **Cancer** 1989 Aug 1; 64(3):598–604
Dietary habits and breast cancer incidence among Seventh–day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):582–90

FOOD HYPERSENSITIVITY

Natural history of food hypersensitivity in children with atopic dermatitis. Sampson HA, et al. **J Pediatr** 1989 Jul; 115(1):23–7
Diseases of food hypersensitivity [editorial; comment] Metcalfe DD. **N Engl J Med** 1989 Jul 27;321(4):255–7. **Comment on:** N Engl J Med 1989 Jul 27;321(4): 228–32
Spontaneous release of histamine from basophils and histamine–releasing factor in patients with atopic dermatitis and food hypersensitivity [see comment] Sampson HA, et al. **N Engl J Med** 1989 Jul 27;321(4):228–32. **Comment on:** N Engl J Med 1989 Jul 27;321(4):255–7

FOOD MICROBIOLOGY

"New" food–borne pathogens of public health significance. Ryser ET, et al. **J Am Diet Assoc** 1989 Jul;89(7):948–54 (57 ref.)
An outbreak of shigellosis associated with the consumption of raw oysters. Reeve G, et al. **N Engl J Med** 1989 Jul 27;321(4):224–7

FOOD SERVICES

Providing heart–healthy alternatives at cardiology meetings: grilled salmon or beef tenderloin? Maxwell K, et al. **Am J Cardiol** 1989 Jul 1;64(1):111–3
Revised school breakfast pattern finalized. **J Am Diet Assoc** 1989 Jul;89(7):910
Managerial functions of college and university foodservice managers. Sultemeier PM, et al. **J Am Diet Assoc** 1989 Jul;89(7):924–8

FOOT

Wound site as a predictor of complications following deep nail punctures to the foot. Patzakis MJ, et al. **West J Med** 1989 May;150(5):545–7

FOOT DISEASES

Alveolar rhabdomyosarcoma metastatic to the ovary. A report of two cases and a discussion of the differential diagnosis of small cell malignant tumors of the ovary. Young RH, et al. **Cancer** 1989 Aug 15;64(4):899–904
Wound site as a predictor of complications following deep nail punctures to the foot. Patzakis MJ, et al. **West J Med** 1989 May;150(5):545–7

FORAMEN MAGNUM

Foramen magnum decompression for homozygous achondroplasia [letter] Hecht JT, et al. **J Neurosurg** 1989 Aug;71(2):300–1

FOREARM

Alveolar rhabdomyosarcoma metastatic to the ovary. A report of two cases and a discussion of the differential diagnosis of small cell malignant tumors of the ovary. Young RH, et al. **Cancer** 1989 Aug 15;64(4):899–904
Volume–pressure analysis of reflex changes in forearm venous function. A method by mental arithmetic stress and radionuclide plethysmography. Robinson VJ, et al. **Circulation** 1989 Jul;80(1):99–105
The clinical application of forearm and hand blood flow measurements using a gamma camera. Parkin A, et al. **Surgery** 1989 Jul;106(1):26–32

FOREARM INJURIES

Forearm fractures in schoolchildren. Stanley D, et al. **BMJ** 1989 Apr 29;298(6681):1159–60

FORECASTING

Aedes aegypti and Aedes aegypti–borne disease control in the 1990s: top down or bottom up. Charles Franklin Craig Lecture. Gubler DJ. **Am J Trop Med Hyg** 1989 Jun; 40(6):571–8

FOREIGN BODIES

Retained nasopharyngeal airway [letter] Smith BL. **Anaesthesia** 1989 May;44(5):447
The oesophageal detector device. A prospective trial on 100 patients. Williams KN, et al. **Anaesthesia** 1989 May; 44(5):412–4

FOREIGN MEDICAL GRADUATES

Immigration issues in hiring alien physicians as teachers. Robinson GH, et al. **Acad Med** 1989 Jul;64(7):357–62

FORENSIC PSYCHIATRY

Statutory approaches to limiting psychiatrists' liability for their patients' violent acts. Appelbaum PS, et al. **Am J Psychiatry** 1989 Jul;146(7):821–8
More laws for better medicine? [editorial] Gagné P. **Am J Psychiatry** 1989 Jul;146(7):819–20

FORM PERCEPTION

Sensory input deficits and negative symptoms in schizophrenic patients. Braff DL. **Am J Psychiatry** 1989 Aug;146(8):1006–11
Remembering faces and drawings: a test of Hasher & Zacks' model of automatic processing in a Turkish sample. Ozekes M, et al. **J Gerontol** 1989 Jul;44(4):P122–3

FORMALDEHYDE

Formaldehyde exposures from tobacco smoke: a review. Godish T. **Am J Public Health** 1989 Aug;79(8):1044–5 (18 ref.)
Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363–5

FOSSIL FUELS

One more good reason for not smoking [letter] Moxon RK. **Postgrad Med** 1989 Jul;86(1):30

FRACTURE FIXATION

Infection after intramedullary nailing of severe open tibial fractures initially treated with external fixation. Maurer DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):835–8

FRACTURE FIXATION, INTERNAL

Fatigue fracture of a forearm plate within a long–arm cast [letter] Teitge RA. **Clin Orthop** 1989 Jul;(244):310–1
Open reduction and internal fixation of displaced, comminuted intra–articular fractures of the distal end of

the radius. Bradway JK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):839–47
Fractures and Fracture-Dislocations of the Tarsometatarsal Joint [letter] Harper MC. **J Bone Joint Surg [Am]** 1989 Jul;71(6):952–3

FRACTURE FIXATION, INTRAMEDULLARY

Infection after intramedullary nailing of severe open tibial fractures initially treated with external fixation. Maurer DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):835–8

FRACTURES

On shock absorbent insoles to prevent bone fractures [letter] Ruffin MR 4th. **Am J Public Health** 1989 Aug;79(8):1056–7
Osteopenia as a risk factor for injuries to dancers [letter] Horváth C, et al. **BMJ** 1989 Apr 29;298(6681):1176–7
Forearm fractures in schoolchildren. Stanley D, et al. **BMJ** 1989 Apr 29;298(6681):1159–60
Cortical Bone Repair. The Relationship of the Lacunar-Canalicular System and Intercellular Gap Junctions to the Repair Process [letter] Andersen MA. **J Bone Joint Surg [Am]** 1989 Jul;71(6):953
Pelvic fracture in multiple trauma: classification by mechanism is key to pattern of organ injury, resuscitative requirements, and outcome. Dalal SA, et al. **J Trauma** 1989 Jul;29(7):981–1000; discussion 1000–2
Pseudodiverticulum of the bladder: an unusual complication of pelvic trauma. Lastarria E, et al. **J Urol** 1989 Aug;142(2):372–3
Cervical spine fractures sustained by young children in forward-facing car seats. Fuchs S, et al. **Pediatrics** 1989 Aug;84(2):348–54

FRACTURES, CLOSED

Stress fractures of the carpal scaphoid. A report of four cases. Hanks GA, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):938–41

FRACTURES, OPEN

Infection after intramedullary nailing of severe open tibial fractures initially treated with external fixation. Maurer DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):835–8

FRACTURES, SPONTANEOUS

Metastatic disease of bone and treatment of pathological fractures. Habermann ET, et al. **Orthop Clin North Am** 1989 Jul;20(3):469–86 (74 ref.)
Vertebral compression fractures: distinction between benign and malignant causes with MR imaging. Yuh WT, et al. **Radiology** 1989 Jul;172(1):215–8

FRACTURES, UNUNITED

Severe trauma to the lower extremity: long-term sequelae. Moore TJ, et al. **South Med J** 1989 Jul;82(7):843–4
Ununited lower limb fractures. Csongradi JJ, et al. **West J Med** 1989 Jun;150(6):675–80 (40 ref.)
Fracture nonunion [editorial] Gershuni DH. **West J Med** 1989 Jun;150(6):689–90

FREEZING

Rapid freezing of small biopsies and standard for cryosectioning and X-ray microanalysis. Tvedt KE, et al. **Am J Clin Pathol** 1989 Jul;92(1):51–6

FRONTAL LOBE

Information processing deficit in schizophrenia: a frontal lobe sign? [letter] Merriam AE, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):760

FRUIT

Surfactant approach to the gastric mucosal barrier: protection of rats by banana even when acidified. Hills BA, et al. **Gastroenterology** 1989 Aug;97(2):294–303

FSH

Reversible impairment of gonadotropin secretion in critical illness. Observations in postmenopausal women. Gebhart SS, et al. **Arch Intern Med** 1989 Jul;149(7):1637–41
Bilateral orchidectomy and concomitant testosterone replacement in the juvenile male rhesus monkey (Macaca mulatta) receiving an invariant intravenous gonadotropin-releasing hormone (GnRH) infusion results, as in the hypothalamus lesioned GnRH-driven adult male, in a selective hypersecretion of follicle-stimulating hormone. Abeyawardene SA, et al. **Endocrinology** 1989 Jul; 125(1):257–9
The effects of aprotinin on follicle-stimulating hormone binding and signal transduction in bovine calf testis. Grasso P, et al. **Endocrinology** 1989 Jul;125(1):117–25
Selective suppression of follicle-stimulating hormone secretion in anterior pituitary cells by the gonadal steroid 3 alpha-hydroxy-4-pregnen-20-one. Wood PH, et al. **Endocrinology** 1989 Jul;125(1):41–8

FUROSEMIDE

Alternating sequential dosing with furosemide and ethacrynic acid in drug tolerance in the newborn. Chemtob S, et al. **Am J Dis Child** 1989 Jul;143(7):850–4

GAIT

Bilateral analysis of the knee and ankle during gait: an examination of the relationship between lateral dominance and symmetry. Gundersen LA, et al. **Phys Ther** 1989 Aug; 69(8):640–50
Effect of heel lifts on ground reaction force patterns in subjects with structural leg-length discrepancies. Schuit D, et al. **Phys Ther** 1989 Aug;69(8):663–70
Toe-walking in children with cerebral palsy: contributions of contracture and excessive contraction of triceps surae muscle. Tardieu C, et al. **Phys Ther** 1989 Aug;69(8):656–62

GALACTOSE

Galactose consumption and metabolism in relation to the risk of ovarian cancer. Cramer DW, et al. **Lancet** 1989 Jul 8; 2(8654):66–71

GALACTOSEMIA

Transient neonatal galactosaemia [letter] Cheetham CH. **Arch Dis Child** 1989 Apr;64(4):637
Milk produced by mothers with galactosemia [letter] Ng WG, et al. **J Pediatr** 1989 Jul;115(1):166–7
Newborn screening for galactosemia: a new method used in Manitoba. Greenberg CR, et al. **Pediatrics** 1989 Aug; 84(2):331–5

GALLBLADDER DISEASES

Atraumatic hemobilia arising from a cirrhotic liver. Merrell SW, et al. **Surgery** 1989 Jul;106(1):105–9

GALLBLADDER NEOPLASMS

Gallbladder carcinoma: role of radiation therapy. Houry S, et al. **Br J Surg** 1989 May;76(5):448–50

GAMETE INTRAFALLOPIAN TRANSFER

Sex ratio and assisted conception [letter] al-Shawaf T, et al. **Lancet** 1989 Jul 1;2(8653):53

GAMMA GLOBULINS

Hepatitis A vaccine [letter] Misra SP, et al. **Lancet** 1989 Jul 8;2(8654):114

GANGLIA, SPINAL

Nerve growth factor receptor immunoreactivity in the neuronal perikarya of human sensory and sympathetic nerve ganglia. Sobue G, et al. **Neurology** 1989 Jul; 39(7):937–41

GANGLIA, SYMPATHETIC

Nerve growth factor receptor immunoreactivity in the neuronal perikarya of human sensory and sympathetic nerve ganglia. Sobue G, et al. **Neurology** 1989 Jul; 39(7):937–41

GANGLIONIC BLOCKADERS

Hexamethonium, a forgotten drug in relation to "new" concepts in the management of heart failure [editorial] Freis ED. **Am Heart J** 1989 Aug;118(2):426–7

GAS GANGRENE

Gas-producing necrotizing fasciitis following mandibular fracture. Falender LG, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):856–9
Necrotizing gas-forming infections in cancer patients. Chu DZ, et al. **South Med J** 1989 Jul;82(7):860–3

GASTRECTOMY

Complete ten-year postgastrectomy follow-up of early gastric cancer. Itoh H, et al. **Am J Surg** 1989 Jul;158(1):14–6
Severe intraoperative myocardial ischemia following manipulation of the heart in a patient undergoing esophagogastrectomy. Hyduke JF, et al. **Anesthesiology** 1989 Jul;71(1):154–8
The mucosa of the gastric remnant harboring malignancy. Histologic findings in the biopsy specimens of 504 asymptomatic patients 15 to 46 years after partial gastrectomy with emphasis on nonmalignant lesions. Offerhaus GJ, et al. **Cancer** 1989 Aug 1;64(3):698–703
Electrical activity recorded from abdominal surface after gastrectomy or colectomy in humans. Pezzolla F, et al. **Gastroenterology** 1989 Aug;97(2):313–20
Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. Hannan EL, et al. **JAMA** 1989 Jul 28; 262(4):503–10

GASTRIC ACID

Low bedtime doses of H2-receptor antagonists for acute treatment of duodenal ulcer. Savarino V, et al. **Dig Dis Sci** 1989 Jul;34(7):1043–6
Blocked and nonblocked acid secretion and reported pain in ulcer, nonulcer dyspepsia, and normal subjects. Bates S, et al. **Gastroenterology** 1989 Aug;97(2):376–83
Prostaglandins in the mediation of secretin-induced inhibition of gastric secretion and stimulation of pancreatic secretion [letter] Konturek SJ. **Gastroenterology** 1989 Aug; 97(2):554–6
Central nervous system action of thyrotropin-releasing hormone to increase gastric mucosal blood flow in the rat. Thiefin G, et al. **Gastroenterology** 1989 Aug;97(2):405–11
Campylobacter pylori and acid secretion [letter] **Lancet** 1989 Jul 22;2(8656):212–3
Effect of a Campylobacter pylori protein on acid secretion by parietal cells. Cave DR, et al. **Lancet** 1989 Jul 22; 2(8656):187–9

GASTRIC ACIDITY DETERMINATION

Monitoring gastric pH levels. Durham RM, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):14–6

GASTRIC EMPTYING

Tumor-associated gastroparesis with esophageal carcinoma. Use of intravenous metoclopramide during radionuclide gastric emptying studies to predict clinical response. Choe AI, et al. **Dig Dis Sci** 1989 Jul;34(7):1132–4

GASTRIC FUNDUS

Partial fundoplication after abdominal Heller's myopathy [letter] Cuschieri A. **Br J Surg** 1989 May;76(5):527
Long-term results of surgical treatment for gastroesophageal reflux in asthmatic patients. Perrin-Fayolle M, et al. **Chest** 1989 Jul;96(1):40–5

GASTRIC JUICE

Ascorbic acid in the human stomach. Sobala GM, et al. **Gastroenterology** 1989 Aug;97(2):357–63

GASTRIC MUCOSA

Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329–32
The mucosa of the gastric remnant harboring malignancy. Histologic findings in the biopsy specimens of 504 asymptomatic patients 15 to 46 years after partial gastrectomy with emphasis on nonmalignant lesions. Offerhaus GJ, et al. **Cancer** 1989 Aug 1;64(3):698–703
Effect of enprostil on amphibian gastroduodenal and human gastric bicarbonate secretion. Shorrock CJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1016–20
Extrapancreatic lipases [letter] DeNigris SJ. **Gastroenterology** 1989 Aug;97(2):551–2
Surfactant approach to the gastric mucosal barrier: protection of rats by banana even when acidified. Hills BA, et al. **Gastroenterology** 1989 Aug;97(2):294–303
Bilateral adrenalectomy worsens gastric mucosal lesions induced by indomethacin in the rat. Role of enhanced gastric motility. Takeuchi K, et al. **Gastroenterology** 1989 Aug;97(2):284–93
Central nervous system action of thyrotropin-releasing hormone to increase gastric mucosal blood flow in the rat. Thiefin G, et al. **Gastroenterology** 1989 Aug;97(2):405–11
Lipoxygenase metabolites in the rat gastric microvascular response to intragastric ethanol. Yonei Y, et al. **Gastroenterology** 1989 Aug;97(2):304–12
New spiral bacterium in gastric mucosa. McNulty CA, et al. **J Clin Pathol** 1989 Jun;42(6):585–91

GASTRINOMA

Multiple endocrine neoplasia type II with Zollinger-Ellison syndrome caused by a solitary pancreatic gastrinoma. Maton PN, et al. **JAMA** 1989 Jul 28;262(4):535–7

GASTRINS

Postprandial plasma gastrin and secretin concentrations after a pancreatoduodenectomy. A comparison between a pylorus-preserving pancreatoduodenectomy and the Whipple procedure. Takada T, et al. **Ann Surg** 1989 Jul; 210(1):47–51
Gastrin-producing ovarian cystadenocarcinoma: sensitivity to secretin and SMS 201-995. Heyd J, et al. **Gastroenterology** 1989 Aug;97(2):464–7

GASTRITIS

Clinical and histological sequelae of Roux-en-Y diversion. Hollands MJ, et al. **Br J Surg** 1989 May;76(5):481–4
Parietal cell autoantigens involved in neonatal

thymectomy-induced murine autoimmune gastritis. Studies using monoclonal autoantibodies. Mori Y, et al. **Gastroenterology** 1989 Aug;97(2):364–75
Monitoring gastric pH levels. Durham RM, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):14–6

GASTROENTERITIS

Reactive arthritis in association with the Guillain-Barré-Strohl syndrome [letter] Sachdev D, et al. **Br J Rheumatol** 1989 Aug;28(4):359–60
Epidemic of restaurant-associated illness due to Salmonella newport. Narain JP, et al. **South Med J** 1989 Jul; 82(7):837–40

GASTROENTEROLOGY

List of available training programs. **Gastroenterology** 1989 Aug;97(2):518–49

GASTROESOPHAGEAL REFLUX

Asthma and gastroesophageal reflux [editorial] Castell DO. **Chest** 1989 Jul;96(1):2–3
Long-term results of surgical treatment for gastroesophageal reflux in asthmatic patients. Perrin-Fayolle M, et al. **Chest** 1989 Jul;96(1):40–5
Assessment of accuracy of intraesophageal pH probe in a dog model. Murphy DW, et al. **Dig Dis Sci** 1989 Jul; 34(7):1079–84
Randomized, prospective double-blind trial of metoclopramide and placebo for gastroesophageal reflux in infants. Tolia V, et al. **J Pediatr** 1989 Jul;115(1):141–5
Gastroesophageal reflux and asthma. Mansfield LE. **Postgrad Med** 1989 Jul;86(1):265–9 (18 ref.)

GASTROINTESTINAL CONTENTS

High-fiber diets: influence on characteristics of cecal digesta including short-chain fatty acid concentrations and pH. Fleming SE, et al. **Am J Clin Nutr** 1989 Jul;50(1):93–9

GASTROINTESTINAL DISEASES

Gastrointestinal sarcoidosis: radiographic findings. Levine MS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):293–5
Indications for parietal cell vagotomy without drainage in gastrointestinal surgery. Jordan PH Jr. **Ann Surg** 1989 Jul; 210(1):29–41
Controversies in the detection and management of nonsteroidal antiinflammatory drug-induced side effects of the upper gastrointestinal tract. Barrier CH, et al. **Arthritis Rheum** 1989 Jul;32(7):926–32
Touch cytology, a useful diagnostic method for diagnosis of upper gastrointestinal tract infections. Debongnie JC, et al. **Dig Dis Sci** 1989 Jul;34(7):1025–7
New spiral bacterium in gastric mucosa. McNulty CA, et al. **J Clin Pathol** 1989 Jun;42(6):585–91
Abdominal aortic aneurysmorrhaphy combined with biliary or gastrointestinal surgery. Thomas JH. **Surg Clin North Am** 1989 Aug;69(4):807–15 (23 ref.)

GASTROINTESTINAL HORMONES

Inhibitory effect of galanin on postprandial gastrointestinal motility and gut hormone release in humans. Bauer FE, et al. **Gastroenterology** 1989 Aug;97(2):260–4

GASTROINTESTINAL MOTILITY

Cisapride stimulates antral motility and decreases biliary reflux in patients with severe dyspepsia. Rezende-Filho J, et al. **Dig Dis Sci** 1989 Jul;34(7):1057–62
Inhibitory effect of galanin on postprandial gastrointestinal motility and gut hormone release in humans. Bauer FE, et al. **Gastroenterology** 1989 Aug;97(2):260–4
Bilateral adrenalectomy worsens gastric mucosal lesions induced by indomethacin in the rat. Role of enhanced gastric motility. Takeuchi K, et al. **Gastroenterology** 1989 Aug;97(2):284–93

GASTROINTESTINAL NEOPLASMS

Gangliocytic paraganglioma. Burke AP, et al. **Am J Clin Pathol** 1989 Jul;92(1):1–9

GASTROINTESTINAL SYSTEM

Continuous single-layer gastrointestinal anastomosis: a prospective audit. Sarin S, et al. **Br J Surg** 1989 May; 76(5):493–5
Proceedings of a workshop entitled "Neuromuscular function and dysfunction of the gastrointestinal tract in aging". Szurszewski JH, et al. **Dig Dis Sci** 1989 Jul;34(7):1135–46

GASTROINTESTINAL TRANSIT

Role of cholecystokinin in regulation of gastrointestinal motor functions. Meyer BM, et al. **Lancet** 1989 Jul 1; 2(8653):12–5

GASTROPLASTY

Gastric banding in the treatment of morbid obesity. Kirby RM, et al. **Br J Surg** 1989 May;76(5):490–2

GASTROSCOPY

Percutaneous endoscopic gastrostomy in head and neck cancer patients. Hunter JG, et al. **Ann Surg** 1989 Jul; 210(1):42–6
Contamination of endoscopes used in AIDS patients. Hanson PJ, et al. **Lancet** 1989 Jul 8;2(8654):86–8

GASTROSTOMY

Percutaneous endoscopic gastrostomy in head and neck cancer patients. Hunter JG, et al. **Ann Surg** 1989 Jul; 210(1):42–6
Percutaneous drainage and feeding gastrostomies in 100 patients. O'Keeffe F, et al. **Radiology** 1989 Aug; 172(2):341–3

GELATIN

Gelling of urea-linked gelatin with fresh frozen plasma. Murray F, et al. **Anaesthesia** 1989 May;44(5):392–3
Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363–5

GELATIN SPONGE, ABSORBABLE

Sonographically guided percutaneous injection of ethanol for treatment of hepatocellular carcinoma: value of Gelfoam to mark the lesion [letter] Shiina S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):430

GENE AMPLIFICATION

Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in ten subjects determined by direct sequencing of amplified transcripts. Davidson BL, et al. **J Clin Invest** 1989 Jul;84(1):342–6

GENE EXPRESSION REGULATION

Interleukin-2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Müller-Quernheim J, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):82–8
Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89–94
Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Ono SJ, et al. **Diabetes** 1989 Jul;38(7):911–6
Sexual dimorphism and testosterone-dependent regulation of somatostatin gene expression in the periventricular nucleus of the rat brain. Chowen-Breed JA, et al. **Endocrinology** 1989 Jul;125(1):357–62
Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Hernandez ER, et al. **Endocrinology** 1989 Jul;125(1):572–4
Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314–20
Secretory pancreatic stone protein messenger RNA. Nucleotide sequence and expression in chronic calcifying pancreatitis. Giorgi D, et al. **J Clin Invest** 1989 Jul; 84(1):100–6
Type 1 neurofibromatosis: selective expression of extracellular matrix genes by Schwann cells, perineurial cells, and fibroblasts in mixed cultures. Jaakkola S, et al. **J Clin Invest** 1989 Jul;84(1):253–61
Expression of diverse Na+ channel messenger RNAs in rat myocardium. Evidence for a cardiac-specific Na+ channel. Sills MN, et al. **J Clin Invest** 1989 Jul;84(1):331–6
Coordinate regulation of glucose transporter function, number, and gene expression by insulin and sulfonylureas in L6 rat skeletal muscle cells. Wang PH, et al. **J Clin Invest** 1989 Jul;84(1):62–7
Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies. Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. Haverty TP, et al. **J Immunol** 1989 Aug 15; 143(4):1133–41
Induction of c-fos and c-myc expression during B cell activation by IL-4 and immunoglobulin binding ligands. Klemsz MJ, et al. **J Immunol** 1989 Aug 1;143(3):1032–9
The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. Tocci MJ, et al. **J Immunol** 1989 Jul 15;143(2):718–26
Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. Weiss EA, et al. **J Immunol** 1989 Aug 1;143(3):1046–52

GENE REARRANGEMENT

Detecting t(14;18) in paraffin-embedded lymphoma tissue [letter] Hickish T, et al. **Lancet** 1989 Jul 22;2(8656):218–9

GENE REARRANGEMENT, T-LYMPHOCYTE

T cell receptor delta gene organization and expression in normal and leukemic natural killer cells. Biondi A, et al. **J Immunol** 1989 Aug 1;143(3):1009–14

GENES

1,25-Dihydroxyvitamin D3 inhibits transcription of type I collagen genes in the rat osteosarcoma cell line ROS 17/2.8. Harrison JR, et al. **Endocrinology** 1989 Jul;125(1):327–33

GENES, DOMINANT

Diagnosis of Gerstmann-Sträussler syndrome in familial dementia with prion protein gene analysis. Collinge J, et al. **Lancet** 1989 Jul 1;2(8653):15–7

GENES, IMMUNE RESPONSE

Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89–94
Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies. Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. Haverty TP, et al. **J Immunol** 1989 Aug 15; 143(4):1133–41
Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. **J Immunol** 1989 Jul 15; 143(2):446–51

GENES, IMMUNOGLOBULIN

Analysis of variable region genes encoding a human anti-DNA antibody of normal origin. Implications for the molecular basis of human autoimmune responses. Cairns E, et al. **J Immunol** 1989 Jul 15;143(2):685–91
Absence of Ig V region gene somatic hypermutation in advanced Burkitt's lymphoma. Carroll WL, et al. **J Immunol** 1989 Jul 15;143(2):692–8
Mutations of the mouse mu H chain which prevent polymer assembly. Davis AC, et al. **J Immunol** 1989 Aug 15; 143(4):1352–7
Characterization of allelic V kappa-1 region genes in inbred strains of mice. Ng KH, et al. **J Immunol** 1989 Jul 15; 143(2):638–48
Ig V region gene expression in small lymphocytic lymphoma with little or no somatic hypermutation. Pratt LF, et al. **J Immunol** 1989 Jul 15;143(2):699–705
Polymorphisms in human H chain V region genes from the VHIII gene family. Souroujon MC, et al. **J Immunol** 1989 Jul 15;143(2):706–11
Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily. Tedder TF, et al. **J Immunol** 1989 Jul 15;143(2):712–7

GENES, MHC CLASS I

Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Ono SJ, et al. **Diabetes** 1989 Jul;38(7):911–6
Mutation of 3'splice sites in two different class I genes results in different usage of cryptic splice sites. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1018–25
Expression of mutant H-2d proteins encoded by class I genes which alternatively process the 5' end of their transcripts. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1026–31
The structure and expression of genes encoding serologically undetected HLA-C locus antigens. Takiguchi M, et al. **J Immunol** 1989 Aug 15;143(4):1372–8

GENES, REITERATED

Polymorphisms in human H chain V region genes from the VHIII gene family. Souroujon MC, et al. **J Immunol** 1989 Jul 15;143(2):706–11
Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily. Tedder TF, et al. **J Immunol** 1989 Jul 15;143(2):712–7
A murine T lymphocyte antigen belongs to a supergene family of type II integral membrane proteins. Yokoyama WM, et al. **J Immunol** 1989 Aug 15;143(4):1379–86

GENES, STRUCTURAL

Somatostatin gene expression in the thymus gland. Fuller PJ, et al. **J Immunol** 1989 Aug 1;143(3):1015–7
The structure of the rabbit macrophage defensin genes and their organ-specific expression. Ganz T, et al. **J Immunol** 1989 Aug 15;143(4):1358–65
Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. Mukaida N, et al. **J Immunol** 1989 Aug 15;143(4):1366–71
The structure and expression of genes encoding serologically undetected HLA-C locus antigens. Takiguchi M, et al. **J Immunol** 1989 Aug 15;143(4):1372–8

GENETIC VECTORS

Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1-28. Brakenhoff JP, et al. **J Immunol** 1989 Aug 15;143(4):1175-82

Induction of cell surface expression of HLA antigens by human IFN-gamma encoded by recombinant vaccinia virus. Kohonen-Corish MR, et al. **J Immunol** 1989 Jul 15; 143(2):623-7

GENETICS

Psychiatric Genetics [letter] Jarvik L. **Am J Psychiatry** 1989 Aug;146(8):1080

GENITAL DISEASES, FEMALE

Heuristic determination of relevant diagnostic procedures in a medical expert system for gynecology. Small SL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):17-24

Enzyme immunoassay compared with cell culture and immunofluorescence for detecting genital chlamydia. Mumtaz G, et al. **J Clin Pathol** 1989 Jun;42(6):658-60

GENITAL DISEASES, MALE

Enzyme immunoassay compared with cell culture and immunofluorescence for detecting genital chlamydia. Mumtaz G, et al. **J Clin Pathol** 1989 Jun;42(6):658-60

GENITAL NEOPLASMS, FEMALE

Effect of a psychiatric liaison program on consultation rates and on detection of minor psychiatric disorders in cancer patients. McCartney CF, et al. **Am J Psychiatry** 1989 Jul; 146(7):898-901

Human papillomavirus (HPV)-associated male and female genital carcinomas in a Hindu population. The male as vector and victim. Boon ME, et al. **Cancer** 1989 Jul 15; 64(2):559-65

GENITAL NEOPLASMS, MALE

Human papillomavirus (HPV)-associated male and female genital carcinomas in a Hindu population. The male as vector and victim. Boon ME, et al. **Cancer** 1989 Jul 15; 64(2):559-65

Mortality in pediatric paratesticular rhabdomyosarcoma: a multivariate analysis. LaQuaglia MP, et al. **J Urol** 1989 Aug;142(2 Pt 2):473-8; discussion 489

Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358-60

GENITALIA

Anogenital trauma in sexually abused children. Finkel MA. **Pediatrics** 1989 Aug;84(2):317-22

Reconstruction of the external genitalia in the adrenogenital syndrome by means of a personal one-stage procedure. Hinderer UT. **Plast Reconstr Surg** 1989 Aug;84(2):325-37

GENITALIA, FEMALE

Gynecologic surgery and surgical morbidity in mentally handicapped women. McNeeley SG, et al. **Obstet Gynecol** 1989 Aug;74(2):155-8

GENOTYPE

A general system of resistance to malaria infection in Anopheles gambiae controlled by two main genetic loci. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):585-92

Lewis negative genotype and breast cancer risk [letter] Petrakis NL, et al. **Lancet** 1989 Jul 1;2(8653):41

GENTAMICINS

Intravitreal antibiotic therapy with vancomycin and aminoglycoside. An experimental study of combination and repetitive injections. Oum BS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1055-60

Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Sieck EA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1023-4

Antibiotic therapy for cat-scratch disease? Bogue CW, et al. **JAMA** 1989 Aug 11;262(6):813-6

GESTATIONAL AGE

Cranial ultrasound assessment of gestational age in low birthweight infants. Murphy NP, et al. **Arch Dis Child** 1989 Apr;64(4):569-72

GIANT CELL TUMORS

Giant cell tumors. Carrasco CH, et al. **Orthop Clin North Am** 1989 Jul;20(3):395-405 (34 ref.)

GIARDIA

Characterization of Giardia isolates using a non-radiolabeled DNA probe, and correlation with the results of isoenzyme analysis. Meloni BP, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):629-37

GIARDIASIS

Milk intolerance due to lactose and giardiasis [letter] Tolboom JJ. **Am J Clin Nutr** 1989 Jul;50(1):178-9

Touch cytology, a useful diagnostic method for diagnosis of upper gastrointestinal tract infections. Debongnie JC, et al. **Dig Dis Sci** 1989 Jul;34(7):1025-7

Identification of unsuspected cases of giardiasis by wet-film microscopy [letter] Gibb AP. **Lancet** 1989 Jul 22; 2(8656):216-7

GLIOBLASTOMA MULTIFORME

Metamorphopsia and palinopsia. Association with periodic lateralized epileptiform discharges in a patient with malignant astrocytoma. Young WB, et al. **Arch Neurol** 1989 Jul;46(7):820-2

Quantification of the c-myc oncoprotein in human glioblastoma cells and tumor tissue. Engelhard HH 3d, et al. **J Neurosurg** 1989 Aug;71(2):224-32

GLIOMA

Orbital optic nerve glioma in adult life. Wulc AE, et al. **Arch Ophthalmol** 1989 Jul;107(7):1013-6

Hypofractionated radiation therapy and concurrent cisplatin in malignant cerebral gliomas. Rapid palliation in low performance status patients. Hercbergs AA, et al. **Cancer** 1989 Aug 15;64(4):816-20

Intratumoral histologic heterogeneity of gliomas. A quantitative study. Paulus W, et al. **Cancer** 1989 Jul 15; 64(2):442-7

Imaging of brain tumors using peripheral benzodiazepine receptor ligands. Black KL, et al. **J Neurosurg** 1989 Jul; 71(1):113-8

Immunomagnetic separation of infiltrating T lymphocytes from brain tumors. Bosnes V, et al. **J Neurosurg** 1989 Aug; 71(2):218-23

The effect of intravenous interleukin-2 on brain water content. Saris SC, et al. **J Neurosurg** 1989 Aug;71(2):169-74

Radiation-induced intracranial malignant gliomas. Shapiro S, et al. **J Neurosurg** 1989 Jul;71(1):77-82 (31 ref.)

Randomized trial of three chemotherapy regimens and two radiotherapy regimens and two radiotherapy regimens in postoperative treatment of malignant glioma. Brain Tumor Cooperative Group Trial 8001. Shapiro WR, et al. **J Neurosurg** 1989 Jul;71(1):1-9

Proto-oncogene abnormalities and their relationship to tumorigenicity in some human glioblastomas. U HS, et al. **J Neurosurg** 1989 Jul;71(1):83-90

GLOMANGIOMA

Glomus tumor of the trachea. Report of a case with ultrastructural observation. Kim YI, et al. **Cancer** 1989 Aug 15;64(4):881-6

GLOMERULONEPHRITIS

Sex vulnerability in the subtotal nephrectomy model of glomerulosclerosis in the rat. Lombet JR, et al. **J Lab Clin Med** 1989 Jul;114(1):66-74

GLOMERULONEPHRITIS, MEMBRANOUS

Transcellular transport and membrane insertion of the C5b-9 membrane attack complex of complement by glomerular epithelial cells in experimental membranous nephropathy. Kerjaschki D, et al. **J Immunol** 1989 Jul 15;143(2):546-52

Prednisone in the treatment of idiopathic membranous nephropathy [letter] **N Engl J Med** 1989 Jul 27;321(4):260-2

GLUCAGON

Sensitivity and detection efficiency of the peroxidase antiperoxidase (PAP), avidin-biotin peroxidase complex (ABC), and peroxidase-labeled avidin-biotin (LAB) methods. Elias JM, et al. **Am J Clin Pathol** 1989 Jul; 92(1):62-7

Decreased insulin- and glucagon-pulse amplitude accompanying beta-cell deficiency induced by streptozocin in baboons. Goodner CJ, et al. **Diabetes** 1989 Jul; 38(7):925-31

Insulin and glucagon secretion after pancreatectomies. Correlation of secretion and hormonal contents of remaining pancreas. Gotoh M, et al. **Diabetes** 1989 Jul; 38(7):861-7

Glucagonostatic and insulinotropic action of glucagonlike peptide I-(7-36)-amide. Komatsu R, et al. **Diabetes** 1989 Jul;38(7):902-5

Somatomedin-A inhibits glucagon-stimulated hepatic gluconeogenesis. Amaral JF, et al. **J Trauma** 1989 Jun; 29(6):842-6

GLUCOCORTICOIDS

Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. **Endocrinology** 1989 Jul;125(1):308-13

GLUCONEOGENESIS

Somatomedin-A inhibits glucagon-stimulated hepatic gluconeogenesis. Amaral JF, et al. **J Trauma** 1989 Jun; 29(6):842-6

GLUCOSE

Antianginal and cardiac metabolic effects of low-dose glucose infusion during pacing in patients with and without coronary artery disease. Thomassen A, et al. **Am Heart J** 1989 Jul;118(1):25-32

Fatness, fat distribution, and glucose tolerance in second-generation Japanese-American (Nisei) men. Newell-Morris LL, et al. **Am J Clin Nutr** 1989 Jul; 50(1):9-18

Phosphoinositide hydrolysis and insulin secretion in response to glucose stimulation are impaired in isolated rat islets by prolonged exposure to the sulfonylurea tolbutamide. Zawalich WS. **Endocrinology** 1989 Jul;125(1):281-6

Effects of aging and exercise on insulin action in rat adipocytes are correlated with changes in fat cell volume. Lawrence JC Jr, et al. **J Gerontol** 1989 Jul;44(4):B88-92

Effects of intravenous glucose loading on oxygen consumption, carbon dioxide production, and resting energy expenditure in infants with bronchopulmonary dysplasia. Yunis KA, et al. **J Pediatr** 1989 Jul;115(1):127-32

Role of anaerobic bacteria in intra-abdominal septic abscesses in mediating septic control of skeletal muscle glucose oxidation and lactic acidemia. Vary TC, et al. **J Trauma** 1989 Jul;29(7):1003-13; discussion 1013-4

GLUCURONIDASE

Beta-glucuronidase activity in prostatic carcinoma and benign prostatic hyperplasia. Pearson JP, et al. **Cancer** 1989 Aug 15;64(4):911-5

GLUTAMATE DEHYDROGENASE

Glutamate dehydrogenase and aspartate aminotransferase in leukocytes of patients with motor neuron disease. Hugon J, et al. **Neurology** 1989 Jul;39(7):956-8

GLUTAMINE

Treatment of biliary colic with loxiglumide [letter] Beglinger C, et al. **Lancet** 1989 Jul 15;2(8655):167

GLUTATHIONE TRANSFERASES

Distribution of glutathione S-transferase isoenzymes in human kidney: basis for possible markers of renal injury. Harrison DJ, et al. **J Clin Pathol** 1989 Jun;42(6):624-8

GLYCEROLPHOSPHATE DEHYDROGENASE

Adipogenic activity in sera from obese children before and after weight reduction. Hauner H, et al. **Am J Clin Nutr** 1989 Jul;50(1):63-7

GLYCERYL TRINITRATE

Nitroglycerine, succinylcholine and intraocular pressure [letter] Jantzen JP, et al. **Anesth Analg** 1989 Jul;69(1):1005-7

Intravenous nitroglycerin for uterine relaxation in the postpartum patient with retained placenta [letter] Peng AT, et al. **Anesthesiology** 1989 Jul;71(1):172-3

Effect of nitroglycerin-induced reduction of left ventricular filling pressure on diastolic filling in acute dilated heart failure. Lavine SJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):233-41

Late thrombolytic therapy preserves left ventricular function in patients with collateralized total coronary occlusion: primary end point findings of the Second Mount Sinai-New York University Reperfusion Trial. Rentrop KP, et al. **J Am Coll Cardiol** 1989 Jul;14(1):58-64

Nitroglycerin patches--do they work? **Med Lett Drugs Ther** 1989 Jul 14;31(796):65-6

GLYCINE

Exposure to Roundup [letter] Jensen PC. **South Med J** 1989 Jul;82(7):934

GLYCOCONJUGATES

Increased sulfation of glycoconjugates by cultured nasal epithelial cells from patients with cystic fibrosis. Cheng PW, et al. **J Clin Invest** 1989 Jul;84(1):68-72

GLYCOLIPIDS

Anti-peripheral nerve myelin antibodies in Guillain-Barre syndrome bind a neutral glycolipid of peripheral myelin and cross-react with Forssman antigen. Koski CL, et al. **J Clin Invest** 1989 Jul;84(1):280-7

GLYCOPEPTIDES

IL-2, a lectin with specificity for high mannose glycopeptides. Sherblom AP, et al. **J Immunol** 1989 Aug 1;143(3):939-44

GLYCOPROTEINS

Reconstitution of tubular myelin from synthetic lipids and proteins associated with pig pulmonary surfactant. Suzuki Y, et al. **Am Rev Respir Dis** 1989 Jul;140(1):75-81

The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. Ferguson TA, et al. **J Immunol** 1989 Aug 1;143(3):821-6

Monocyte suppressor factor is plasminogen activator inhibitor inhibition of membrane bound but not soluble IL-1. Goeken NE, et al. **J Immunol** 1989 Jul 15; 143(2):603-8

Biochemical analysis of a novel H-2 class I-like glycoprotein expressed in five AKR-(Gross virus) derived spontaneous T cell leukemias. Labeta MO, et al. **J Immunol** 1989 Aug 15;143(4):1245-53

Modulation of mRNA levels for urinary- and tissue-type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. Michel JB, et al. **J Immunol** 1989 Aug 1;143(3):890-5

Identification of a widely distributed 90-kDa glycoprotein that is homologous to the Hermes-1 human lymphocyte homing receptor. Pals ST, et al. **J Immunol** 1989 Aug 1; 143(3):851-7

GLYCOSAMINOGLYCANS

Cetylpyridinium chloride as a fixative for glycosaminoglycans in histologic sections [letter] Scott JE. **Arch Dermatol** 1989 Jul;125(7):1002

Radiation synovectomy stimulates glycosaminoglycan synthesis by normal articular cartilage. Myers SL, et al. **J Lab Clin Med** 1989 Jul;114(1):27-35

GLYCOSPHINGOLIPIDS

Quantitation of the rabbit intestinal glycolipid receptor for Shiga toxin. Further evidence for the developmental regulation of globotriaosylceramide in microvillus membranes. Mobassaleh M, et al. **Gastroenterology** 1989 Aug;97(2):384-91

GOALS

Work-site health promotion: the effects of a goal-setting program on nutrition-related behaviors. Berry MW, et al. **J Am Diet Assoc** 1989 Jul;89(7):914-20, 923

GOLD

Gold-naproxen pneumonitis. A toxic drug interaction? McFadden RG, et al. **Chest** 1989 Jul;96(1):216-8

Increased renal tubular cell excretion by patients receiving chronic therapy with gold and with nonsteroidal anti-inflammatory drugs. Ganley CJ, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):51-5

GONADAL DYSGENESIS

Small penis and the male sexual role. Reilly JM, et al. **J Urol** 1989 Aug;142(2 Pt 2):569-71; discussion 572

GONADOTROPINS

Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342-50

Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351-6

The antigonadotropic action of prostaglandin F2 alpha is not mediated by elevated cytosolic calcium levels in rat luteal cells. Pepperell JR, et al. **Endocrinology** 1989 Jul; 125(1):144-51

GONADOTROPINS, CHORIONIC

Human chorionic gonadotropin and free subunits' serum levels in patients with partial and complete hydatidiform moles. Berkowitz R, et al. **Obstet Gynecol** 1989 Aug; 74(2):212-6

GONORRHEA

Gonorrhea rates: what denominator is most appropriate? [letter] Marx R, et al. **Am J Public Health** 1989 Aug; 79(8):1057-8

Chlamydia trachomatis and Neisseria gonorrhoeae in asymptomatic family planning patients in rural New Mexico. Bell TA, et al. **West J Med** 1989 May;150(5):543-4

GOUT

Cyclosporine-induced hyperuricemia and gout. Lin HY, et al. **N Engl J Med** 1989 Aug 3;321(5):287-92

GOUTY ARTHRITIS

Inflammatory arthritis of the subtalar joint. Berger RG. **Am J Med** 1989 Jul;87(1):117-8

GOVERNMENT

1988—a landmark year for state AIDS legislation. **Am J Public Health** 1989 Aug;79(8):1005

GOVERNMENT AGENCIES

Federal influences on the development of trauma registers. Scheib BT, et al. **J Trauma** 1989 Jun;29(6):835-41

GRAFT ENHANCEMENT, IMMUNOLOGIC

Mechanisms maintaining antibody-induced enhancement of allografts. II. Mediation of specific suppression by short lived CD4+ T cells. Pearce NW, et al. **J Immunol** 1989 Jul 15;143(2):499-506

GRAFT OCCLUSION, VASCULAR

Diastolic segmental compression of saphenous vein bypass graft. Chokshi SK, et al. **Am Heart J** 1989 Aug; 118(2):402-4

Percutaneous transluminal angioplasty of a totally occluded venous bypass graft: a challenge that should be resisted. de Feyter PJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):88-90

Thrombosis of axillary-femoral bypass secondary to prosthesis suspension belt. Rook JL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):559-61

Percutaneous transluminal angioplasty of left internal mammary artery grafts: two years' experience with a femoral approach. Bell MR, et al. **Br Heart J** 1989 May; 61(5):417-20

Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1-7

Regional infusion of urokinase into occluded lower-extremity bypass grafts: long-term clinical results. Durham JD, et al. **Radiology** 1989 Jul;172(1):83-7

GRAFT REJECTION

Lung rejection and bronchial hyperresponsiveness to methacholine and ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. **Am Rev Respir Dis** 1989 Jul;140(1):52-7

The radiographic appearances of infection and acute rejection of the lung after heart-lung transplantation. Millet B, et al. **Am Rev Respir Dis** 1989 Jul;140(1):62-7

Patterns of leukocyte chemotaxis to bile after liver transplantation. Adams DH, et al. **Gastroenterology** 1989 Aug;97(2):433-8

Recovery of activated cytotoxic T cells from minor H incompatible tumor graft rejection sites. Ksander BR, et al. **J Immunol** 1989 Jul 15;143(2):426-31

Classification and terminology of hepatic allograft rejection: whither bound? Ludwig J. **Mayo Clin Proc** 1989 Jun; 64(6):676-9

Direct monitoring of nutritive blood flow in a failing skin flap: the hairless mouse ear skin-flap model. Barker JH, et al. **Plast Reconstr Surg** 1989 Aug;84(2):303-13

GRAFT SURVIVAL

Rapamycin for immunosuppression in organ allografting [letter] Calne RY, et al. **Lancet** 1989 Jul 22;2(8656):227

Donor kidneys of infants and very young children are unacceptable for transplantation [letter] Ruder H, et al. **Lancet** 1989 Jul 15;2(8655):168

Enhanced survival of full-thickness skin grafts following the application of DC electrical fields. Politis MJ, et al. **Plast Reconstr Surg** 1989 Aug;84(2):267-72

GRAFT VS HOST DISEASE

Host resistance to cyclosporine induced syngeneic graft-versus-host disease. Requirement for two distinct lymphocyte subsets. Fischer AC, et al. **J Immunol** 1989 Aug 1;143(3):827-32

Hepatic homing of mononuclear inflammatory cells isolated during murine chronic graft-vs-host disease. Howell CD, et al. **J Immunol** 1989 Jul 15;143(2):476-83

Novel T-lymphocyte population in combined immunodeficiency with features of graft-versus-host disease. Wirt DP, et al. **N Engl J Med** 1989 Aug 10; 321(6):370-4

GRAM-NEGATIVE BACTERIA

New spiral bacterium in gastric mucosa. McNulty CA, et al. **J Clin Pathol** 1989 Jun;42(6):585-91

GRANULOCYTES

CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. Kawa-Ha K, et al. **J Clin Invest** 1989 Jul;84(1):51-5

Complement-mediated phagocytosis of herpes simplex virus by granulocytes. Binding or ingestion. Van Strijp JA, et al. **J Clin Invest** 1989 Jul;84(1):107-12

GRANULOMA

Bronchocentric granulomatosis. Disease or diagnosis? [editorial] Myers JL. **Chest** 1989 Jul;96(1):3-4

The molecular basis of granuloma formation in schistosomiasis. III. In vivo effects of a T cell-derived suppressor effector factor and IL-2 on granuloma formation. Perrin PJ, et al. **J Immunol** 1989 Jul 15; 143(2):649-54

Cholesterol granulomas of the middle ear cavities: MR imaging. Martin N, et al. **Radiology** 1989 Aug;172(2):521-5

GRANULOMATOUS DISEASE, CHRONIC

Acquired chronic granulomatous disease and Wegener's granulomatosis [letter] Boudes P. **Br J Rheumatol** 1989 Aug;28(4):361-2

GRANULOSA CELLS

Inhibitory effects of interleukin-1 on luteinizing hormone-stimulated adenosine 3',5'-monophosphate accumulation by cultured porcine granulosa cells. Fukuoka M, et al. **Endocrinology** 1989 Jul;125(1):136-43

Epidermal growth factor stimulates tissue plasminogen activator activity and messenger ribonucleic acid levels in cultured rat granulosa cells: mediation by pathways independent of protein kinases-A and -C. Galway AB, et al. **Endocrinology** 1989 Jul;125(1):126-35

Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Hernandez ER, et al. **Endocrinology** 1989 Jul;125(1):572-4

GRAVES' DISEASE

Treatment of Graves' disease and the course of ophthalmopathy. Sridama V, et al. **Am J Med** 1989 Jul; 87(1):70-3

Radioiodine and aggravation of Graves' ophthalmopathy [letter] Vestergaard H, et al. **Lancet** 1989 Jul 1;2(8653):47

GRISEOFULVIN

Adverse reactions to griseofulvin in patients with circulating anti-SSA/Ro and SSB/La autoantibodies. Miyagawa S, et al. **Am J Med** 1989 Jul;87(1):100-2

GROUP PRACTICE

Should a hospital rescue a failing group practice? Koska MT. **Hospitals** 1989 Jul 5;63(13):56, 58

High turnover hasn't hit medical group administrators—yet. Koska MT. **Hospitals** 1989 Jul 5;63(13):58

GROWTH

Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342-50

Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351-6

GROWTH DISORDERS

Protein-calorie malnutrition in squirrel monkeys: adaptive response to calorie deficiency. Ausman LM, et al. **Am J Clin Nutr** 1989 Jul;50(1):19-29

Nutritional supplementation: effects on child stunting because of diarrhea. Lutter CK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):1-8

Height and weight following lead poisoning in childhood. Sachs HK, et al. **Am J Dis Child** 1989 Jul;143(7):820-2

Chronic renal failure and growth. Rees L, et al. **Arch Dis Child** 1989 Apr;64(4):573-7

Recording growth and development in children with inflammatory bowel disease [letter] Evans M, et al. **BMJ** 1989 May 13;298(6683):1312-3

Growth of abused children. Contrasted with the non-abused in an urban poor community. Karp RJ, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):317-20

Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342-50

Metabolic interfaces between growth and reproduction. II.

Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351-6
Growth hormone testing in short children and their response to growth hormone therapy. Lin TH, et al. **J Pediatr** 1989 Jul;115(1):57-63

GROWTH INHIBITORS

Autocrine growth factors as therapeutic targets in lung cancer. Mulshine JL, et al. **Chest** 1989 Jul;96(1 Suppl):31S-34S (26 ref.)
Hepatocyte-stimulating factor III shares structural and functional identity with leukemia-inhibitory factor. Baumann H, et al. **J Immunol** 1989 Aug 15;143(4):1163-7
Inhibition of early murine hemopoietic progenitor cell proliferation after in vivo locoregional administration of transforming growth factor-beta 1. Goey H, et al. **J Immunol** 1989 Aug 1;143(3):877-80
IL-4-responsive human helper T cell clones are resistant to growth inhibition by tumor necrosis factor-alpha. Pawelec GP, et al. **J Immunol** 1989 Aug 1;143(3):902-6

GROWTH SUBSTANCES

GM-CSF treatment and hypokalemia [letter] Viens P, et al. **Ann Intern Med** 1989 Aug 1;111(3):263
Autocrine growth factors as therapeutic targets in lung cancer. Mulshine JL, et al. **Chest** 1989 Jul;96(1 Suppl):31S-34S (26 ref.)
Regulation of steroidogenesis in cultured porcine theca cells by growth factors. Caubo B, et al. **Endocrinology** 1989 Jul; 125(1):321-6
Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. Heidenreich S, et al. **J Immunol** 1989 Aug 15; 143(4):1198-205
Peptide regulatory factors and malignancy. Steel CM. **Lancet** 1989 Jul 1;2(8653):30-4 (41 ref.)

GUANETHIDINE

Thermographic evidence for demarcation of the sympatholytic effect following intravenous regional guanethidine block (IVRGB) [letter] Weyland A, et al. **Anesthesiology** 1989 Jul;71(1):171-2

GUANIDINES

Effects of trypsin inhibitor (camostate) on pancreas and CCK release in young and old female rats. Miyasaka K, et al. **J Gerontol** 1989 Jul;44(4):M136-40
Randomised study of myringotomy, amoxycillin/clavulanate, or both for acute otitis media in infants. Engelhard D, et al. **Lancet** 1989 Jul 15;2(8655):141-3

GUANINE NUCLEOTIDE REGULATORY PROTEIN

Ion channels and G proteins. Brown AM, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):189-93, 198, 202-4 (3 ref.)
Decreased bioactivity of the guanine nucleotide-binding protein that stimulates adenylate cyclase in hearts from cardiomyopathic Syrian hamsters. Kessler PD, et al. **J Clin Invest** 1989 Jul;84(1):244-52
Guanine nucleotide-binding protein, alpha i-3, directly activates a cation channel in rat renal inner medullary collecting duct cells. Light DB, et al. **J Clin Invest** 1989 Jul;84(1):352-6

GYNECOLOGY

Heuristic determination of relevant diagnostic procedures in a medical expert system for gynecology. Small SL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):17-24

H-2 ANTIGENS

Mutation of 3'splice sites in two different class I genes results in different usage of cryptic splice sites. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1018-25
Expression of mutant H-2d proteins encoded by class I genes which alternatively process the 5' end of their transcripts. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1026-31
Biochemical analysis of a novel H-2 class I-like glycoprotein expressed in five AKR-(Gross virus) derived spontaneous T cell leukemias. Labeta MO, et al. **J Immunol** 1989 Aug 15;143(4):1245-53
Specific molecular interaction between the insulin receptor and a D product of MHC class I. Verland S, et al. **J Immunol** 1989 Aug 1;143(3):945-51

HAEMOPHILUS INFECTIONS

Inflammatory arthritis of the subtalar joint. Berger RG. **Am J Med** 1989 Jul;87(1):117-8
Haemophilus influenzae type b disease in the Oxford region. Tudor-Williams G, et al. **Arch Dis Child** 1989 Apr; 64(4):517-9
Haemophilus influenzae type b conjugate vaccine trial in Oxford: implications for the United Kingdom. Tudor-Williams G, et al. **Arch Dis Child** 1989 Apr; 64(4):520-4

HAEMOPHILUS INFLUENZAE

Haemophilus influenzae type b conjugate vaccine trial in Oxford: implications for the United Kingdom. Tudor-Williams G, et al. **Arch Dis Child** 1989 Apr; 64(4):520-4

HAIR REMOVAL

Health manpower. II. Physician time expended in shaving [letter] Riley HD Jr. **South Med J** 1989 Jul;82(7):932-3

HALLUCINATIONS

Acute postoperative confusion and hallucinations in Parkinson disease. Golden WE, et al. **Ann Intern Med** 1989 Aug 1;111(3):218-22
Metamorphopsia and palinopsia. Association with periodic lateralized epileptiform discharges in a patient with malignant astrocytoma. Young WB, et al. **Arch Neurol** 1989 Jul;46(7):820-2

HALOPERIDOL

Dopamine blockade and clinical response: evidence for two biological subgroups of schizophrenia. Wolkin A, et al. **Am J Psychiatry** 1989 Jul;146(7):905-8
Controlled study of haloperidol, pimozide and placebo for the treatment of Gilles de la Tourette's syndrome. Shapiro E, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):722-30
Haloperidol and lorazepam for the treatment of nausea and vomiting associated with the treatment of intractable migraine headaches [letter] Backonja M, et al. **Arch Neurol** 1989 Jul;46(7):724
Serum haloperidol and desipramine concentrations and the treatment of psychotic depression: two case reports. Lin KM, et al. **J Nerv Ment Dis** 1989 Jul;177(7):431-2

HALOTHANE

Haemodynamic responses to nicardipine in humans anaesthetised with halothane. Ray DC, et al. **Anaesthesia** 1989 May;44(5):382-5
Halothane, but not isoflurane or enflurane, protects against spontaneous and epinephrine-exacerbated acute thrombus formation in stenosed dog coronary arteries. Bertha BG, et al. **Anesthesiology** 1989 Jul;71(1):96-102
Atracurium, vecuronium, and pancuronium do not alter the minimum alveolar concentration of halothane in humans. Fahey MR, et al. **Anesthesiology** 1989 Jul;71(1):53-6
Comparison of the effects of halothane on skinned myocardial fibers from newborn and adult rabbit: II. Effects on sarcoplasmic reticulum. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):103-9
Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Lanier WL, et al. **Anesthesiology** 1989 Jul;71(1):87-95
Endothelium-dependent effects of halothane, enflurane, and isoflurane on isolated rat aortic vascular rings. Stone DJ, et al. **Anesthesiology** 1989 Jul;71(1):126-32
Rhinoplasty and general anesthesia. Halothane vs enflurane as agent of choice. Selkin SG. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):802-3

HAND

Interaction of lidocaine and hypothermia in Bier blocks in volunteers. Heavner JE, et al. **Anesth Analg** 1989 Jul; 69(1):919-25
The premotor potential. Dumitru D, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):537-40
In support of the certificate of added qualifications in hand surgery [letter] McCormack RM. **Plast Reconstr Surg** 1989 Aug;84(2):372
The clinical application of forearm and hand blood flow measurements using a gamma camera. Parkin A, et al. **Surgery** 1989 Jul;106(1):26-32

HANDICAPPED

Admission criteria for handicapped students. Weatherby F, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):179-81
Supplemental Security Income benefits for children [letter] Stein JM. **Pediatrics** 1989 Aug;84(2):401

HANDWASHING

Handwashing and horizontal spread of viruses [letter] Watts GT. **Lancet** 1989 Jul 22;2(8656):218

HAPLOTYPES

Restricted assembly of haplotype-mismatched A alpha:A beta complexes in transgenic mice [letter] Beck BN. **J Immunol** 1989 Jul 15;143(2):755-6

HAPTENS

Molecular analysis and fine specificity of antibodies against an organophosphorus hapten. Buenafe AC, et al. **J Immunol** 1989 Jul 15;143(2):539-45
The immunogenicity of soluble haptenated polymers is determined by molecular mass and hapten valence. Dintzis RZ, et al. **J Immunol** 1989 Aug 15;143(4):1239-44

HARTNUP DISEASE

Circumvention of defective neutral amino acid transport in Hartnup disease using tryptophan ethyl ester. Jonas AJ, et al. **J Clin Invest** 1989 Jul;84(1):200-4

HAY FEVER

Evidence of PAF-acether metabolic pathway activation in antigen challenge of upper respiratory airways. Miadonna A, et al. **Am Rev Respir Dis** 1989 Jul;140(1):142-7

HAZARDOUS SUBSTANCES

Deaths, injuries, and evacuations from acute hazardous materials releases. Binder S. **Am J Public Health** 1989 Aug; 79(8):1042-4

HEAD AND NECK NEOPLASMS

Spontaneous resolution of a cystic neck mass in a fetus with normal karyotype. Distell BM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):380-2
First-trimester and early second-trimester diagnosis of nuchal cystic hygroma by transvaginal sonography: diverse prognosis of the septated from the nonseptated lesion. Bronshtein M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):78-82
Blood transfusions and recurrence in head and neck cancer [letter] Gates GA, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):573
Nasopharyngeal cysts. Report of seven cases with review of the literature. Nicolai P, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):860-4 (41 ref.)
Analysis of treatment failure patterns. A Southwest Oncology Group Study. Schuller DE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):834-6
Metastatic squamous cell carcinoma of an unknown primary localized to the neck. Advantages of an aggressive treatment. de Braud F, et al. **Cancer** 1989 Jul 15;64(2):510-5
The treatment of tumors by the induction of anemia and irradiation in hyperbaric oxygen. Sealy R, et al. **Cancer** 1989 Aug 1;64(3):646-52
American Association of Oral and Maxillofacial Surgeons, 71st annual meeting and scientific sessions. September 20-24, 1989, San Francisco. Educational summaries and outlines. **J Oral Maxillofac Surg** 1989 Aug;47(8 Suppl 1):1-152
Bilateral ectopic thymus gland tissue associated with the cleft lip and palate [letter] Dado DV, et al. **Plast Reconstr Surg** 1989 Aug;84(2):376
Extracranial lesions of the head and neck: preliminary experience with Gd-DTPA-enhanced MR imaging. Robinson JD, et al. **Radiology** 1989 Jul;172(1):165-70

HEAD INJURIES

Head injury and marital aggression. Rosenbaum A, et al. **Am J Psychiatry** 1989 Aug;146(8):1048-51
Neurologic eye signs following motorcycle accidents. Keane JR. **Arch Neurol** 1989 Jul;46(7):761-2
ABC of child abuse. Head injuries. Hobbs CJ. **BMJ** 1989 Apr 29;298(6681):1169-70 (0 ref.)
Intracranial pressure changes during positioning of patients with severe head injury. Lee ST. **Heart Lung** 1989 Jul; 18(4):411-4
Improved outcome prediction based on CSF extrapolated creatine kinase BB isoenzyme activity and other risk factors in severe head injury. Hans P, et al. **J Neurosurg** 1989 Jul; 71(1):54-8
Cerebral blood flow and metabolism in severely head-injured children. Part 1: Relationship with GCS score, outcome, ICP, and PVI. Muizelaar JP, et al. **J Neurosurg** 1989 Jul; 71(1):63-71
Cerebral blood flow and metabolism in severely head-injured children. Part 2: Autoregulation. Muizelaar JP, et al. **J Neurosurg** 1989 Jul;71(1):72-6
American Association of Oral and Maxillofacial Surgeons, 71st annual meeting and scientific sessions. September 20-24, 1989, San Francisco. Educational summaries and outlines. **J Oral Maxillofac Surg** 1989 Aug;47(8 Suppl 1):1-152
The value of the Glasgow Coma Scale and Injury Severity Score: predicting outcome in multiple trauma patients with head injury. Pal J, et al. **J Trauma** 1989 Jun;29(6):746-8
Subdural hematoma in patients with systemic cancer. Minette SE, et al. **Mayo Clin Proc** 1989 Jun;64(6):637-42

HEADACHE

Bed rest and postlumbar puncture headache. The effectiveness of 24 hours' recumbency in reducing the incidence of postlumbar puncture headache. Cook PT, et

al. **Anaesthesia** 1989 May;44(5):389–91
Intravenous prochlorperazine for acute headache [letter] **JAMA** 1989 Jul 28;262(4):501–2
The effects of relaxation training on clinical symptoms: a meta-analysis. Hyman RB, et al. **Nurs Res** 1989 Jul–Aug; 38(4):216–20
The worst headache ever. 1. Ominous causes. Edmeads J. **Postgrad Med** 1989 Jul;86(1):93–6, 103–4 (12 ref.)
The worst headache ever. 2. Innocuous causes. Edmeads J. **Postgrad Med** 1989 Jul;86(1):107–10 (5 ref.)

HEALTH

Psychoactive drug use in a general population sample, Sweden: correlates with perceived health, psychiatric diagnoses, and mortality in an automated record-linkage study. Allgulander C. **Am J Public Health** 1989 Aug; 79(8):1006–10
Urban trauma: a chronic recurrent disease. Sims DW, et al. **J Trauma** 1989 Jul;29(7):940–6; discussion 946–7
Dietary fiber and health. Council on Scientific Affairs. **JAMA** 1989 Jul 28;262(4):542–6 (32 ref.)
International versus domestic health: an antiquated distinction [letter] Gellert GA, et al. **Lancet** 1989 Jul 1; 2(8653):51
Diabetes mellitus in Africans [letter] King H. **Lancet** 1989 Jul 1;2(8653):42

HEALTH EDUCATION

Effect of a media campaign on delay times and ambulance use in suspected acute myocardial infarction. Herlitz J, et al. **Am J Cardiol** 1989 Jul 1;64(1):90–3
Smoking literature and literacy levels [letter] Jaycox S. **Am J Public Health** 1989 Aug;79(8):1058
The expression of health risk information. Berger ES, et al. **Arch Intern Med** 1989 Jul;149(7):1507–8
"Quackbusting" [letter] **Can Med Assoc J** 1989 Jul 15; 141(2):98–100

HEALTH FACILITIES

Financial woes force L.A. hospitals to merge. Larkin H. **Hospitals** 1989 Jul 5;63(13):28, 30, 32
Feds, state associations study hospital closure. Solovy A. **Hospitals** 1989 Jul 5;63(13):74

HEALTH FACILITY ADMINISTRATORS

Problems of the inpatient unit director [letter] Hoffman L. **Am J Psychiatry** 1989 Jul;146(7):950
Outplacement services ease a CEO's job search. Droste T. **Hospitals** 1989 Jul 5;63(13):81
Hospital executive works 'triple time' for staff. Lappa K. **Hospitals** 1989 Jul 5;63(13):54
Execs speak up about materials management role. Souhrada L. **Hospitals** 1989 Jul 5;63(13):67–8

HEALTH INSURANCE FOR AGED AND DISABLED, TITLE 18

Prohibition on charges for services of assistant cataract surgeons upheld by Federal Court of Appeals. Portman RM. **Arch Ophthalmol** 1989 Jul;107(7):975–7
Financial implications of prolonged ventilator care under DRGs 474 and 475. Gracey DR, et al. **Chest** 1989 Jul; 96(1):193–4
Cost and survival results of critical care regionalization for Medicare patients. Crippen DW, et al. **Crit Care Med** 1989 Jul;17(7):601–6
Regionalized intensive care units and Medicare: ethics, public policy, and outcome research [editorial] Rie MA. **Crit Care Med** 1989 Jul;17(7):704–5
Catastrophic Act threatens long-stay hospitals. Eubanks P. **Hospitals** 1989 Jul 5;63(13):72
Greater budget battles ahead [interview by Michele Robinson] Rettig PC. **Hospitals** 1989 Jul 5;63(13):60–2
Part B reform: is it the answer for hospitals? Robinson ML. **Hospitals** 1989 Jul 5;63(13):25–6
Hospitals faced with declining Part B payments. Robinson ML. **Hospitals** 1989 Jul 5;63(13):22–5
From the Health Care Financing Administration. Hays LB. **JAMA** 1989 Jul 21;262(3):328
The debate over physician ownership of health care facilities. Iglehart JK. **N Engl J Med** 1989 Jul 20;321(3):198–204
Physicians affected by Medicare Catastrophic Coverage Act. al-Assaf AF, et al. **South Med J** 1989 Jul;82(7):853–6
Into the nineties and beyond: medicine in short supply [editorial] Thomison JB. **South Med J** 1989 Jul;82(7):811–3

HEALTH MANPOWER

Exploding ammunition [letter] Abidin MR. **J Trauma** 1989 Jun;29(6):895
Human immunodeficiency virus infection in emergency department patients. Epidemiology, clinical presentations, and risk to health care workers: the Johns Hopkins experience. Kelen GD, et al. **JAMA** 1989 Jul 28; 262(4):516–22

HEALTH OCCUPATIONS

The National Tuberculosis Training Initiative. Reichman LB. **Ann Intern Med** 1989 Aug 1;111(3):197–8
Human immunodeficiency virus infection in health care workers. A method for estimating individual occupational risk. Hagen MD, et al. **Arch Intern Med** 1989 Jul; 149(7):1541–4

HEALTH PLANNING

The Oregon Health Initiative [letter] Kitzhaber J. **Lancet** 1989 Jul 8;2(8654):106

HEALTH POLICY

The National Tuberculosis Training Initiative. Reichman LB. **Ann Intern Med** 1989 Aug 1;111(3):197–8
U.S. science policy: from crisis management to long-term public good [editorial] Nagle D. **Endocrinology** 1989 Jul; 125(1):1–2
Federal nutrition policies: impact on dietetic practice. Nestle M, et al. **J Am Diet Assoc** 1989 Jul;89(7):944–7
The impact of a total ban on smoking in the Johns Hopkins Children's Center. Becker DM, et al. **JAMA** 1989 Aug 11;262(6):799–802
Cervical cytology policy [letter] McPherson K. **Lancet** 1989 Jul 15;2(8655):162–3

HEALTH PROMOTION

Work-site health promotion: the effects of a goal-setting program on nutrition-related behaviors. Berry MW, et al. **J Am Diet Assoc** 1989 Jul;89(7):914–20, 923
From the Centers for Disease Control. Progress toward achieving the 1990 national objectives for physical fitness and exercise. **JAMA** 1989 Aug 11;262(6):746, 748, 753
From the Assistant Secretary for Health. Mason JO. **JAMA** 1989 Jul 28;262(4):457
Home visiting: a necessary but not in itself sufficient program component for promoting the health and development of families and children. Chamberlin RW. **Pediatrics** 1989 Jul; 84(1):178–80

HEALTH SERVICES

Beware of overtreating children! Cunningham AS. **Am J Dis Child** 1989 Jul;143(7):786–8
Out-of-pocket payments and use of care for serious and minor symptoms. Results of a national survey. Shapiro MF, et al. **Arch Intern Med** 1989 Jul;149(7):1645–8
Irish electorate speaks on health [editorial] **Lancet** 1989 Jul 8;2(8654):80–1

HEALTH SERVICES FOR THE AGED

Options to control the health care costs of the elderly [letter] LeBlond RF. **JAMA** 1989 Aug 11;262(6):774–5

HEALTH SERVICES RESEARCH

Feds, state associations study hospital closure. Solovy A. **Hospitals** 1989 Jul 5;63(13):74

HEALTH SURVEYS

Diet and fecal steroid profile in a South Asian population with a low colon-cancer rate. McKeigue PM, et al. **Am J Clin Nutr** 1989 Jul;50(1):151–4
The urine chemistry survey—series 2. 5 years' experience with an interlaboratory comparison program. Weaver DK, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):713–22
Sensitivity of a health status measure to short-term clinical changes in arthritis. Anderson JJ, et al. **Arthritis Rheum** 1989 Jul;32(7):844–50
Dizziness in primary care. Results from the National Ambulatory Medical Care Survey. Sloane PD. **J Fam Pract** 1989 Jul;29(1):33–8
The 1987 US hospital AIDS survey. Andrulis DP, et al. **JAMA** 1989 Aug 11;262(6):784–94
Lack of awareness and treatment of hyperlipidemia in type II diabetes in a community survey. Stern MP, et al. **JAMA** 1989 Jul 21;262(3):360–4
Response effects in surveys with school-age children. Holaday B, et al. **Nurs Res** 1989 Jul–Aug;38(4):248–50

HEARING

Improved hearing and improved speech [letter] Dellon AL. **Plast Reconstr Surg** 1989 Aug;84(2):369–70

HEARING LOSS, SENSORINEURAL

Sensorineural loss in chronic otitis media. Is it clinically significant? Levine BA, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):814–6

HEART

Bronchiolitis obliterans in heart-lung transplantation patients: radiologic findings in 11 patients. Skeens JL, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):253–6
Radiofrequency ablation of ventricular myocardium using active fixation and passive contact catheter delivery systems. An HL, et al. **Am Heart J** 1989 Jul;118(1):69–77
The effect of dobutamine on myocardial performance and high-energy phosphate metabolism at different stages of heart failure in cardiomyopathic hamsters: a 31P MRS study. Buser PT, et al. **Am Heart J** 1989 Jul;118(1):86–91
Accuracy and reproducibility of clinically acquired two-dimensional echocardiographic mass measurements. Byrd BF 3d, et al. **Am Heart J** 1989 Jul;118(1):133–7
Instantaneous transmitral flow using Doppler and M-mode echocardiography: comparison with radionuclide ventriculography. Hoit BD, et al. **Am Heart J** 1989 Aug; 118(2):308–14
Early detection of doxorubicin cardiotoxicity: interest of Doppler echocardiographic analysis of left ventricular filling dynamics. Marchandise B, et al. **Am Heart J** 1989 Jul;118(1):92–8
Hemodynamic abnormalities following cardiac transplantation: relationship to hypertension and survival. Murali S, et al. **Am Heart J** 1989 Aug;118(2):334–41
Radionuclide left ventricular contractile indices and their relationship to heart size in dogs. Starling MR, et al. **Am Heart J** 1989 Aug;118(2):325–33
Residual left ventricular function and prognosis of patients with asymmetric septal hypertrophy recovering from acute myocardial infarction. Tzivoni D, et al. **Am Heart J** 1989 Jul;118(1):121–7
Doppler echocardiographic assessment of shunting via the ductus arteriosus in newborn infants. Milne MJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):102–5
An echocardiographic and anatomic description of the donor-recipient atrial anastomosis after orthotopic cardiac transplantation. Starling RC, et al. **Am J Cardiol** 1989 Jul 1;64(1):109–11
Effect of bicarbonate administration on cardiac function. Ayus JC, et al. **Am J Med** 1989 Jul;87(1):5–6 (28 ref.)
Right ventricular dysfunction in human fetal compromise. Räsänen J, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):136–40
Lung rejection and bronchial hyperresponsiveness to methacholine and ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. **Am Rev Respir Dis** 1989 Jul;140(1):52–7
The cough response to ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. **Am Rev Respir Dis** 1989 Jul;140(1):58–61
The radiographic appearances of infection and acute rejection of the lung after heart-lung transplantation. Millet B, et al. **Am Rev Respir Dis** 1989 Jul;140(1):62–7
Ventilation and breathing pattern during progressive hypercapnia and hypoxia after human heart-lung transplantation. Sanders MH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):38–44
Breathing during wakefulness and sleep after human heart-lung transplantation. Sanders MH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):45–51
Abnormalities in myocardial segmental wall motion during lumbar epidural anesthesia. Saada M, et al. **Anesthesiology** 1989 Jul;71(1):26–32
Influence of age on Doppler echocardiographic indices of left ventricular diastolic function [letter] Abinader EG, et al. **Br Heart J** 1989 May;61(5):483
Prognostic significance of programmed ventricular stimulation in survivors of acute myocardial infarction. Bhandari AK, et al. **Br Heart J** 1989 May;61(5):410–6
Effect of temperature on rate of left ventricular pressure fall in humans. Luke RA, et al. **Br Heart J** 1989 May; 61(5):426–31
ST depression and elevation in vasospastic angina [letter] Santinelli V, et al. **Chest** 1989 Jul;96(1):222–3
Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92–5
Distribution of extracellular potassium and electrophysiologic changes during two-stage coronary ligation in the isolated, perfused canine heart. Coronel R, et al. **Circulation** 1989 Jul;80(1):165–77
Arterial baroreflex abnormalities in heart failure: reversal after orthotopic cardiac transplantation [letter] Malliani A. **Circulation** 1989 Jul;80(1):218
The coherence spectrum. A quantitative discriminator of fibrillatory and nonfibrillatory cardiac rhythms. Ropella KM, et al. **Circulation** 1989 Jul;80(1):112–9
Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. Bittl JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):135–42
Ventricular arrhythmias and local electrograms after chronic regional denervation of the ischemic area in the pig heart. Cinca J, et al. **J Am Coll Cardiol** 1989 Jul;14(1):225–32
Left ventricular dynamics during exercise in elite marathon runners. Fagard R, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):112–8
Coronary artery to right ventricle fistula in heart transplant recipients: a complication of endomyocardial biopsy. Henzlova MJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):258–61
Patterns of regional diastolic function in the normal human left ventricle: an ultrafast computed tomographic study. Rumberger JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):119–26
Subnormal heart period variability in heart failure: effect of cardiac transplantation. Smith ML, et al. **J Am Coll Cardiol** 1989 Jul;14(1):106–11

Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. Haller RG, et al. **J Clin Invest** 1989 Jul;84(1):155–61

Successful extended hypothermic cardiopulmonary preservation for heart–lung transplantation. Bando K, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):137–45; discussion 145–6

Neonatal model of heterotopic heart transplantation in pigs. Verrier ED, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):127–35; discussion 135–6

Positron emission tomography of the heart: mapping flow and metabolism in vivo. Merhige ME, et al. **Mayo Clin Proc** 1989 Jun;64(6):716–9 (15 ref.)

The cardiovascular response of normal humans to the administration of endotoxin. Suffredini AF, et al. **N Engl J Med** 1989 Aug 3;321(5):280–7

The cardiac effects of adenosine. Belardinelli L, et al. **Prog Cardiovasc Dis** 1989 Jul–Aug;32(1):73–97 (249 ref.)

Pulmonary infection after cardiac transplantation: clinical and radiologic correlations. Austin JH, et al. **Radiology** 1989 Jul;172(1):259–65

Heart wall motion: improved method of spatial modulation of magnetization for MR imaging. Axel L, et al. **Radiology** 1989 Aug;172(2):349–50

HEART ANEURYSM

Left ventricular pseudoaneurysm presenting as unstable angina. Hui P, et al. **Am Heart J** 1989 Aug;118(2):400–2

Anomalous right coronary artery from the pulmonary artery presenting with angina and aneurysmal left ventricular dilatation. Mahdyoon H, et al. **Am Heart J** 1989 Jul; 118(1):182–4

HEART ARREST

Electromechanical dissociation: diagnosis, pathophysiology, and management. Charlap S, et al. **Am Heart J** 1989 Aug; 118(2):355–60 (58 ref.)

Nonventricular arrhythmias as precursors of ventricular fibrillation in patients with out-of-hospital cardiac arrest. Hays LJ, et al. **Am Heart J** 1989 Jul;118(1):53–7

Young adult survivors of sudden cardiac arrest: analysis of invasive evaluation of 22 subjects. Topaz O, et al. **Am Heart J** 1989 Aug;118(2):281–7

Pre-arrest morbidity and other correlates of survival after in-hospital cardiopulmonary arrest. George AL Jr, et al. **Am J Med** 1989 Jul;87(1):28–34

Laparoscopy and vagal arrest [letter] Doyle DJ, et al. **Anaesthesia** 1989 May;44(5):448

Two cardiac arrests after needle punctures in a patient with mitral valve prolapse: psychogenic? Abraham ZA, et al. **Anesth Analg** 1989 Jul;69(1):992–4

Neurological outcome after out-of-hospital cardiac arrest. Prediction by cerebrospinal fluid enzyme analysis. Roine RO, et al. **Arch Neurol** 1989 Jul;46(7):753–6

Prognostic significance of early clinical manifestations in postanoxic coma: a retrospective study of 58 patients resuscitated after prehospital cardiac arrest. Bertini G, et al. **Crit Care Med** 1989 Jul;17(7):627–33

HEART ATRIUM

Mesoatrial shunt: a surgical option in the management of the Budd–Chiari syndrome. Stringer MD, et al. **Br J Surg** 1989 May;76(5):474–8

The modified Fontan operation [letter] Puga FJ. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):150–1

HEART BLOCK

Automatic implantable defibrillator with VVI pacemaker in a patient with chronic Chagas myocarditis and total atrioventricular block. de Paola AA, et al. **Am Heart J** 1989 Aug;118(2):415–7

Progressive prolongation of the second conduction interval throughout successive 3:2 Wenckebach sequences: the double Wenckebach phenomenon. Oreto G, et al. **Am Heart J** 1989 Aug;118(2):413–5

Pacemaker syndrome in activity-responsive VVI pacing. Liebert HP, et al. **Am J Cardiol** 1989 Jul 1;64(1):124–6

High grade entrance and exit block in an area of healed myocardial infarction associated with ventricular tachycardia with successful laser photoablation of the anatomic substrate. Littmann L, et al. **Am J Cardiol** 1989 Jul 1;64(1):122–4

Transient atrioventricular block resulting from left ventricular angiography in infants with ventricular septal defect. Vermilion RP, et al. **Am J Cardiol** 1989 Jul 1; 64(1):128–30

Complete heart block following glycopyrronium/neostigmine mixture [letter] Lonsdale M, et al. **Anaesthesia** 1989 May;44(5):448–9

Transient complete AV block in Lyme disease. Electrophysiologic observations. van der Linde MR, et al. **Chest** 1989 Jul;96(1):219–21

Electrophysiologic spectrum of concealed intranodal conduction during atrial rate acceleration in a model of 2:1 atrioventricular block. McKinnie J, et al. **Circulation** 1989 Jul;80(1):43–50

Acute rheumatic fever with advanced degree AV block. Reddy DV, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):326–8

HEART CATHETERIZATION

Radiofrequency ablation of ventricular myocardium using active fixation and passive contact catheter delivery systems. An HL, et al. **Am Heart J** 1989 Jul;118(1):69–77

Nonemergent cardiac catheterization and risk-stratified revascularization following thrombolytic therapy for acute myocardial infarction. A critical analysis of therapy in the community setting. University of North Carolina Cardiology Consortium. Rowe WW, et al. **Arch Intern Med** 1989 Jul;149(7):1611–7

Cardiac catheterisation as an outpatient procedure [letter] **BMJ** 1989 Apr 29;298(6681):1182

Cardiac catheterization as an outpatient procedure [letter] Uren NG, et al. **BMJ** 1989 May 13;298(6683):1310

HEART CONDUCTION SYSTEM

Manifest and concealed accessory pathways: behavior after catheter ablation of the atrioventricular conducting system. Lemery R, et al. **Am Heart J** 1989 Jul;118(1):188–91

Progressive prolongation of the second conduction interval throughout successive 3:2 Wenckebach sequences: the double Wenckebach phenomenon. Oreto G, et al. **Am Heart J** 1989 Aug;118(2):413–5

Intraventricular conduction delay in acute right ventricular ischemia. Kataoka H, et al. **Am J Cardiol** 1989 Jul 1; 64(1):94–5

Transient complete AV block in Lyme disease. Electrophysiologic observations. van der Linde MR, et al. **Chest** 1989 Jul;96(1):219–21

Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation. Billman GE, et al. **Circulation** 1989 Jul;80(1):146–57

Electrophysiologic spectrum of concealed intranodal conduction during atrial rate acceleration in a model of 2:1 atrioventricular block. McKinnie J, et al. **Circulation** 1989 Jul;80(1):43–50

HEART DEFECTS, CONGENITAL

Evaluation of pulmonary arterial morphology in cyanotic congenital heart disease by magnetic resonance imaging. Canter CE, et al. **Am Heart J** 1989 Aug;118(2):347–54

Magnetic resonance imaging of congenital heart disease: sensitivity and specificity using receiver operating characteristic curve analysis. Kersting-Sommerhoff BA, et al. **Am Heart J** 1989 Jul;118(1):155–61

Oximetric quantitation of intracardiac left-to-right shunting: limitations of the Qp/Qs ratio. Cigarroa RG, et al. **Am J Cardiol** 1989 Jul 15;64(3):246–7

Association of keratoconus and false chordae tendineae in the left ventricle. Bermúdez FJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):93–4

Balloon dilatation of stenosed Blalock-Taussig shunts. Qureshi SA, et al. **Br Heart J** 1989 May;61(5):432–4

Exercise response before and after termination of atrial tachycardia after congenital heart disease surgery. Wessel HU, et al. **Circulation** 1989 Jul;80(1):106–11

Postmortem radiology in children with congenital heart disease [letter] Jones TJ, et al. **J Clin Pathol** 1989 Jun; 42(6):670–1

Fontan operation in a case of single functional pulmonary artery [letter] Sade RM, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):153–4

Anomalous origin of the left coronary artery from the pulmonary trunk. Anatomic findings in relation to pathophysiology and surgical repair. Smith A, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):16–24

Neonatal model of heterotopic heart transplantation in pigs. Verrier ED, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):127–35; discussion 135–6

Transcatheter treatment of congenital heart disease. Beekman RH, et al. **Prog Cardiovasc Dis** 1989 Jul–Aug;32(1):1–30 (110 ref.)

HEART DISEASES

Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Bansal RC, et al. **Am J Cardiol** 1989 Jul 15;64(3):243–6

Successful percutaneous transvenous catheter balloon mitral commissurotomy after warfarin therapy and resolution of left atrial thrombus. Hung JS, et al. **Am J Cardiol** 1989 Jul 1;64(1):126–8

Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Stein B, et al. **Am J Cardiol** 1989 Jul 18;64(4):33B–40B (51 ref.)

Prevention of left ventricular mural thrombus. Turpie AG. **Am J Cardiol** 1989 Jul 18;64(4):41B–43B

Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Leventhal LJ, et al. **Am J Med** 1989 Jul;87(1):111–3

Symptoms and treatment responses of generalized anxiety disorder patients with high versus low levels of cardiovascular complaints. Hoehn-Saric R, et al. **Am J Psychiatry** 1989 Jul;146(7):854–9

Proceedings of the British Cardiac Society. 68th annual general meeting. Oxford, 6–7 April 1989. Abstracts. **Br Heart J** 1989 May;61(5):435–82

XVI World Congress on Diseases of the Chest. 55th annual scientific assembly of the American College of Chest Physicians. October 30–November 3, 1989, Boston. **Chest** 1989 Aug;96(2 Suppl):109S–300S

Echocardiographic detection of an infected superior vena caval thrombus presenting as a right atrial mass. Dick AE, et al. **Chest** 1989 Jul;96(1):212–4

Identification of drug interactions by meta-analysis of premarketing trials: the effect of smoking on the pharmacokinetics and dosage requirements for flecainide acetate. Holtzman JL, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):1–8

Coronary artery to right ventricle fistula in heart transplant recipients: a complication of endomyocardial biopsy. Henzlova MJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):258–61

Increased plasma fibrinopeptide A levels during attacks induced by hyperventilation in patients with coronary vasospastic angina. Oshima S, et al. **J Am Coll Cardiol** 1989 Jul;14(1):150–4

Cigarettes and heart disease [letter] Fehily AM, et al. **Lancet** 1989 Jul 8;2(8654):114–5

Heparin for mural thrombosis in anterior myocardial infarction [letter] **N Engl J Med** 1989 Jul 27;321(4):259–60

Analysis of the Jalowiec Scale with cardiac patients' spouses. Wikoff RL, et al. **Nurs Res** 1989 Jul–Aug;38(4):221–2

HEART ENLARGEMENT

Residual left ventricular function and prognosis of patients with asymmetric septal hypertrophy recovering from acute myocardial infarction. Tzivoni D, et al. **Am Heart J** 1989 Jul;118(1):121–7

Role of anemia in the pathogenesis of left ventricular hypertrophy in end-stage renal disease. Silberberg JS, et al. **Am J Cardiol** 1989 Jul 15;64(3):222–4

Usefulness of thallium-201 scintigraphy in predicting the development of angina pectoris in hypertensive patients with left ventricular hypertrophy. Tubau JF, et al. **Am J Cardiol** 1989 Jul 1;64(1):45–9

Cardiac performance after reduction of myocardial hypertrophy. Schmieder RE, et al. **Am J Med** 1989 Jul; 87(1):22–7

Complete reversibility of physiological coronary vascular abnormalities in hypertrophied hearts produced by pressure overload in the rat. Isoyama S, et al. **J Clin Invest** 1989 Jul;84(1):288–94

HEART FAILURE, CONGESTIVE

The effect of dobutamine on myocardial performance and high-energy phosphate metabolism at different stages of heart failure in cardiomyopathic hamsters: a 31P MRS study. Buser PT, et al. **Am Heart J** 1989 Jul;118(1):86–91

Hexamethonium, a forgotten drug in relation to "new" concepts in the management of heart failure [editorial] Freis ED. **Am Heart J** 1989 Aug;118(2):426–7

Neurohumoral and hemodynamic effects of lower body negative pressure in patients with congestive heart failure. Mohanty PK, et al. **Am Heart J** 1989 Jul;118(1):78–85

Changes in dyspnea-fatigue ratings as indicators of quality of life in the treatment of congestive heart failure. Feinstein AR, et al. **Am J Cardiol** 1989 Jul 1;64(1):50–5

A new Doppler method of assessing left ventricular ejection force in chronic congestive heart failure. Isaaz K, et al. **Am J Cardiol** 1989 Jul 1;64(1):81–7

Myocardial carnitine in end-stage congestive heart failure. Pierpont ME, et al. **Am J Cardiol** 1989 Jul 1;64(1):56–60

Metabolic and hemodynamic consequences of sodium bicarbonate administration in patients with heart disease. Bersin RM, et al. **Am J Med** 1989 Jul;87(1):7–14

Perioperative cardiovascular collapse in a patient previously treated with doxorubicin [letter] Hickey PR. **Anesth Analg** 1989 Jul;69(1):1004–5

Heart failure secondary to diastolic dysfunction [letter] Murphy PK. **Arch Intern Med** 1989 Jul;149(7):1695

Diastolic heart failure. Diagnosis and management. Kessler KM. **Hosp Pract [Off]** 1989 Jul 15;24(7):137–41, 146–8, 158–60 passim (10 ref.)

Linearity of the left ventricular end-systolic pressure-volume relation in patients with severe heart failure. Aroney CN, et al. **J Am Coll Cardiol** 1989 Jul;14(1):127–34

Effect of nitroglycerin-induced reduction of left ventricular filling pressure on diastolic filling in acute dilated heart failure. Lavine SJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):233–41

Subnormal heart period variability in heart failure: effect of cardiac transplantation. Smith ML, et al. **J Am Coll Cardiol** 1989 Jul;14(1):106–11

Digoxin: new answers; new questions. **Lancet** 1989 Jul 8; 2(8654):79–80 (21 ref.)

HEART INJURIES

Myocardial contusion. When can the diagnosis be eliminated? Miller FB, et al. **Arch Surg** 1989 Jul;124(7):805–7; discussion 807–8

Intrapericardial trauma: surgical experience. Baillot R, et al. **J Trauma** 1989 Jun;29(6):736–40

Evaluation of occult cardiac injuries using subxiphoid pericardial window. Duncan AO, et al. **J Trauma** 1989 Jul; 29(7):955–9; discussion 959–60

A prospective evaluation of 68 patients suffering blunt chest

trauma for evidence of cardiac injury. Helling TS, et al. **J Trauma** 1989 Jul;29(7):961–5; discussion 965–6

HEART MASSAGE

Termination of magnet-unresponsive pacemaker endless loop tachycardia by carotid sinus massage [letter] Friart A. **Am J Med** 1989 Jul;87(1):1–2

HEART NEOPLASMS

Transvenous biopsy diagnosis of cardiac lymphoma in an AIDS patient. Andress JD, et al. **Am Heart J** 1989 Aug; 118(2):421–3

Bilateral atrial myxomas detected by transesophageal two-dimensional echocardiography. Dittmann H, et al. **Am Heart J** 1989 Jul;118(1):172–3

What constitutes definitive therapy of malignant pericardial effusion? "Medical" versus surgical treatment. Hawkins JW, et al. **Am Heart J** 1989 Aug;118(2):428–32

Primary angiosarcoma of the heart causing cardiac rupture. Lantz DA, et al. **Am Heart J** 1989 Jul;118(1):186–8

Contrast-enhanced magnetic resonance imaging of cardiac tumors in children. Niwa K, et al. **Am Heart J** 1989 Aug; 118(2):424–5

Primary cardiac B-cell lymphoma. Proctor MS, et al. **Am Heart J** 1989 Jul;118(1):179–81

Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Leventhal LJ, et al. **Am J Med** 1989 Jul;87(1):111–3

Histogenesis of cardiac myxomas. An immunohistochemical study of 19 cases, including one with glandular structures, and review of the literature. Johansson L. **Arch Pathol Lab Med** 1989 Jul;113(7):735–41 (35 ref.)

The identity and histogenesis of cardiac myxomas. A controversy put to rest [editorial] Lie JT. **Arch Pathol Lab Med** 1989 Jul;113(7):724–6

Petrified cardiac myxoma masquerading as organized atrial mural thrombus. Lie JT. **Arch Pathol Lab Med** 1989 Jul; 113(7):742–5

Right atrial extension of adrenocortical carcinoma. Surgical management using hypothermia and cardiopulmonary bypass. Cheung PS, et al. **Cancer** 1989 Aug 15;64(4):812–5

Primary cardiac lymphoma. Curtsinger CR, et al. **Cancer** 1989 Jul 15;64(2):521–5

HEART RATE

An office-based exercise protocol for predicting chronotropic response of activity-triggered, rate-variable pacemakers. Benditt DG, et al. **Am J Cardiol** 1989 Jul 1; 64(1):27–32

Usefulness of continuous fetal heart rate monitoring during cesarean section. Petrikovsky BM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):36–7

Differential effects of right unilateral and bilateral ECT on heart rate. Lane RD, et al. **Am J Psychiatry** 1989 Aug; 146(8):1041–3

Vincristine treatment of acute lymphoblastic leukemia induces transient autonomic cardioneuropathy. Hirvonen HE, et al. **Cancer** 1989 Aug 15;64(4):801–5

Exercise responses during incremental and high intensity and low intensity steady state exercise in patients with obstructive lung disease and normal control subjects. Matthews JI, et al. **Chest** 1989 Jul;96(1):11–7

Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation. Billman GE, et al. **Circulation** 1989 Jul;80(1):146–57

Electrophysiologic spectrum of concealed intranodal conduction during atrial rate acceleration in a model of 2:1 atrioventricular block. McKinnie J, et al. **Circulation** 1989 Jul;80(1):43–50

Effects of dexmedetomidine, a selective alpha 2-adrenoceptor agonist, on hemodynamic control mechanisms. Kallio A, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):33–42

Subnormal heart period variability in heart failure: effect of cardiac transplantation. Smith ML, et al. **J Am Coll Cardiol** 1989 Jul;14(1):106–11

1988 Fitts lecture: heart rate changes after haemorrhage and injury—a reappraisal. Little RA. **J Trauma** 1989 Jul; 29(7):903–6 (30 ref.)

More cardiac dressage: galop, gallop, gal(l)opitty glop [letter] Herder SL. **JAMA** 1989 Jul 21;262(3):352

New fathers' blood pressure and heart rate: relationships to interaction with their newborn infants. Jones LC, et al. **Nurs Res** 1989 Jul-Aug;38(4):237–41

HEART RATE, FETAL

The effects of methadone treatment on the reactivity of the nonstress test. Archie CL, et al. **Obstet Gynecol** 1989 Aug; 74(2):254–5

HEART RUPTURE

Primary angiosarcoma of the heart causing cardiac rupture. Lantz DA, et al. **Am Heart J** 1989 Jul;118(1):186–8

HEART SEPTAL DEFECTS

Comparison of cardiovascular adjustments to exercise in adolescents 8 to 15 years of age after correction of tetralogy of fallot, ventricular septal defect or atrial septal defect. Perrault H, et al. **Am J Cardiol** 1989 Jul 15;64(3):213–7

Intraoperative prebypass and postbypass epicardial color flow imaging in the repair of atrioventricular septal defects. Ungerleider RM, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):90–9; discussion 99–100

HEART SEPTAL DEFECTS, ATRIAL

Surgical repair of atrial septal defect in an 89-year-old man: progressive shunt due to concomitant aortic stenosis. Pryor RE, et al. **Am Heart J** 1989 Aug;118(2):423–4

HEART SEPTAL DEFECTS, VENTRICULAR

Transient atrioventricular block resulting from left ventricular angiography in infants with ventricular septal defect. Vermilion RP, et al. **Am J Cardiol** 1989 Jul 1; 64(1):128–30

Indications for surgery based on lung biopsy in cases of ventricular septal defect and/or patent ductus arteriosus with severe pulmonary hypertension. Yamaki S, et al. **Chest** 1989 Jul;96(1):31–9

HEART SEPTUM

An improved method for detecting and quantifying cardiac muscle disarray in hypertrophic cardiomyopathy. Whittaker P, et al. **Am Heart J** 1989 Aug;118(2):341–6

HEART SURGERY

Diagnosis and management of postoperative junctional ectopic tachycardia [editorial] Gillette PC. **Am Heart J** 1989 Jul;118(1):192–4

Prophylactic treatment of postperfusion bleeding using EACA. DelRossi AJ, et al. **Chest** 1989 Jul;96(1):27–30

Relationship between core/peripheral temperature gradient and central hemodynamics in children after open heart surgery. Ryan CA, et al. **Crit Care Med** 1989 Jul; 17(7):638–40

HEART VALVE DISEASES

Prevalence of multivalvular regurgitation in athletes. Douglas PS, et al. **Am J Cardiol** 1989 Jul 15;64(3):209–12

Perspective on valvular heart disease: an update. Rahimtoola SH. **J Am Coll Cardiol** 1989 Jul;14(1):1–23 (155 ref.)

HEART VALVE PROSTHESIS

Clinical and ultrasound results after aortic valve replacement: intermediate-term follow-up with the St. Jude Medical prosthesis. Montalescot G, et al. **Am Heart J** 1989 Jul; 118(1):104–13

Combined aortic and mitral valve replacement in an adult with Scheie's disease. Butman SM, et al. **Chest** 1989 Jul; 96(1):209–10

Aortic valve replacement with the Hancock standard, Björk-Shiley, and Lillehei-Kaster prostheses. A comparison based on follow-up from 1 to 15 years. Milano AD, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):37–47

HEART VALVES

Ketanserin in the treatment of pulmonary hypertension after valvular surgery: a comparison with sodium nitroprusside. van der Starre PJ, et al. **Crit Care Med** 1989 Jul;17(7):613–8

HEART VENTRICLE

Doppler echocardiographic measurement of low velocity motion of the left ventricular posterior wall. Isaaz K, et al. **Am J Cardiol** 1989 Jul 1;64(1):66–75

HEAT

Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Luurila OJ, et al. **Am J Cardiol** 1989 Jul 1; 64(1):97–9

Heat shock of cultured GC cells enhances the level of triiodothyronine induced growth hormone (GH) and GH messenger ribonucleic acid. Shapiro LE, et al. **Endocrinology** 1989 Jul;125(1):180–5

HEATING

Home heating and renal failure [letter] Stout JP, et al. **Lancet** 1989 Jul 1;2(8653):50–1

HEEL

Effect of heel lifts on ground reaction force patterns in subjects with structural leg-length discrepancies. Schuit D, et al. **Phys Ther** 1989 Aug;69(8):663–70

HELPER CELLS

CD4 counts as predictors of opportunistic pneumonias in human immunodeficiency virus (HIV) infection. Masur H, et al. **Ann Intern Med** 1989 Aug 1;111(3):223–31

Hydrolysis of inositol phospholipids induced by stimulation of the T cell antigen receptor complex in antigen-specific, murine helper T cell clones. Requirement for exogenous calcium. Bonvini E, et al. **J Immunol** 1989 Jul 15; 143(2):587–95

A new murine CD4+ T cell subset with an unrestricted cytokine profile. Firestein GS, et al. **J Immunol** 1989 Jul 15;143(2):518–25

Effects of treatment with IL-2 receptor specific monoclonal antibody in mice. Inhibition of cytotoxic T cell responses but not of T help. Leist TP, et al. **J Immunol** 1989 Jul 15;143(2):628–32

Synergistic interactions of IL-1 and IL-6 in T cell activation. Mitogen but not antigen receptor-induced proliferation of a cloned T helper cell line is enhanced by exogenous IL-6. Mizutani H, et al. **J Immunol** 1989 Aug 1;143(3):896–901

IL-4-responsive human helper T cell clones are resistant to growth inhibition by tumor necrosis factor-alpha. Pawelec GP, et al. **J Immunol** 1989 Aug 1;143(3):902–6

Production of lymphokine mRNA by CD45R+ and CD45R- helper T cells from human peripheral blood and by human CD4+ T cell clones. Salmon M, et al. **J Immunol** 1989 Aug 1;143(3):907–12

HEMANGIOMA

Asymptomatic thrombocytopenia associated with chorioangioma of placenta. Limaye NS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):76–7

Pathologic quiz case 1. Intramuscular hemangioma, small vessel type, masseter muscle (also known as infiltrating angiolipoma). Rushin JM, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):878–81

Lymph node hemangioma. Kasznica J, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):804–7 (8 ref.)

Infantile hepatic hemangiomas. Clinical features, radiologic investigations, and treatment of 20 patients. Stanley P, et al. **Cancer** 1989 Aug 15;64(4):936–49

HEMANGIOPERICYTOMA

The clinical and radiologic manifestations of hemangiopericytoma. Lorigan JG, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):345–9

Surgically curable hypophosphatemic rickets. Diagnosis and management. Hanukoglu A, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):321–5

HEMANGIOSARCOMA

Primary angiosarcoma of the heart causing cardiac rupture. Lantz DA, et al. **Am Heart J** 1989 Jul;118(1):186–8

HEMARTHROSIS

Hemarthrosis of the ankle secondary to false aneurysm caused by impingement from an osteophyte. A case report. Ris HB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):935–7

HEMATOLOGIC TESTS

Rational restriction of out of hours requests for haematology tests. Gyde OH, et al. **BMJ** 1989 May 13;298(6683):1291–2

Threshold for albumin as a prognostic marker in acute pancreatitis. Holliday MP, et al. **Br J Surg** 1989 May; 76(5):472–3

HEMATOMA

Long-term prognosis of pregnancies in women with intrauterine hematomas. Børlum KG, et al. **Obstet Gynecol** 1989 Aug;74(2):231–3

Left-sided perinephric hematoma associated with rupture of the left hemidiaphragm: a marker for renal artery injury. Peitzman AB, et al. **Surgery** 1989 Jul;106(1):33–6

HEMATOMA, EPIDURAL

Rapid spontaneous disappearance of an acute extradural hematoma: case report. Servadei F, et al. **J Trauma** 1989 Jun;29(6):880–2

HEMATOMA, SUBDURAL

Subdural hematoma in patients with systemic cancer. Minette SE, et al. **Mayo Clin Proc** 1989 Jun;64(6):637–42

Subdural hematoma after normal CT. Deitch D, et al. **Neurology** 1989 Jul;39(7):985–7

HEMATOPOIESIS

Inhibition of early murine hemopoietic progenitor cell proliferation after in vivo locoregional administration of transforming growth factor-beta 1. Goey H, et al. **J Immunol** 1989 Aug 1;143(3):877–80

HEMATOPOIETIC STEM CELLS

Long-term endocrine toxicity of myeloablative treatment followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Keilholz U, et al. **Cancer** 1989 Aug 1;64(3):641–5

A role for the thymic epithelium in the selection of pre-T cells from murine bone marrow. Bauvois B, et al. **J Immunol** 1989 Aug 15;143(4):1077-86
Inhibition of early murine hemopoietic progenitor cell proliferation after in vivo locoregional administration of transforming growth factor-beta 1. Goey H, et al. **J Immunol** 1989 Aug 1;143(3):877-80

HEMATOPOIETIC SYSTEM

Expression of multiple Na+,K+-adenosine triphosphatase isoform genes in human hematopoietic cells. Behavior of the novel A3 isoform during induced maturation of HL60 cells. Gilmore-Hebert M, et al. **J Clin Invest** 1989 Jul; 84(1):347-51

HEMATOPORPHYRINS

Biodistribution of indium 111-labeled dihematoporphyrin ether in papillomas and body tissues. Relevance to photodynamic therapy. Shikowitz MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):845-7
The effect of photodynamic therapy on tumor oxygenation. Reed MW, et al. **Surgery** 1989 Jul;106(1):94-9

HEMATURIA

Amoxicillin overdose with gross hematuria [letter] Bright DA, et al. **West J Med** 1989 Jun;150(6):698-9

HEME

Haem and porphyria attacks [letter] Pierach CA. **Lancet** 1989 Jul 22;2(8656):213-4
Lack of effect of pregnancy or hematin therapy on erythrocyte porphobilinogen deaminase activity in acute intermittent porphyria [letter] Sassa S, et al. **N Engl J Med** 1989 Jul 20;321(3):192-3

HEMOBILIA

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542-6

HEMOCHROMATOSIS

Idiopathic haemochromatosis in north Portugal: association with haplotype A3B7 [letter] Porto G, et al. **J Clin Pathol** 1989 Jun;42(6):667-8

HEMOCYANIN

Molecular analysis and fine specificity of antibodies against an organophosphorus hapten. Buenafe AC, et al. **J Immunol** 1989 Jul 15;143(2):539-45

HEMODIALYSIS

Malignant hyperthermia in a hemodialysis patient. Harioka T, et al. **Anesth Analg** 1989 Jul;69(1):985-7
Use of extracorporeal supportive techniques as additional treatment for septic-induced multiple organ failure patients. Barzilay E, et al. **Crit Care Med** 1989 Jul;17(7):634-7
Compliance in hemodialysis patients: a review of the literature. Hoover H. **J Am Diet Assoc** 1989 Jul;89(7):957-9 (18 ref.)
Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Altmann P, et al. **Lancet** 1989 Jul 1;2(8653):7-12
Mucormycosis among patients on dialysis [letter] Boelaert JR, et al. **N Engl J Med** 1989 Jul 20;321(3):190-1
Dialysis relief effort for Armenia [letter] Rosansky SJ, et al. **N Engl J Med** 1989 Jul 27;321(4):264-5
Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Riggs JE, et al. **Neurology** 1989 Jul; 39(7):997-8

HEMODIALYSIS, HOME

Recombinant human erythropoietin treatment in patients on maintenance home haemodialysis [letter] Pascual J, et al. **Lancet** 1989 Jul 15;2(8655):160
Home heating and renal failure [letter] Stout JP, et al. **Lancet** 1989 Jul 1;2(8653):50-1

HEMODYNAMICS

Neurohumoral and hemodynamic effects of lower body negative pressure in patients with congestive heart failure. Mohanty PK, et al. **Am Heart J** 1989 Jul;118(1):78-85
Hemodynamic abnormalities following cardiac transplantation: relationship to hypertension and survival. Murali S, et al. **Am Heart J** 1989 Aug;118(2):334-41
Disparate hemodynamic and sympathoadrenergic responses to isometric and mental stress in essential hypertension. Grossman E, et al. **Am J Cardiol** 1989 Jul 1;64(1):42-4
Comparative evaluation of coronary stenoses using fluid dynamic equations and standard quantitative coronary arteriography. Kimball BP, et al. **Am J Cardiol** 1989 Jul 1;64(1):6-10
Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Luurila OJ, et al. **Am J Cardiol** 1989 Jul 1; 64(1):97-9
Comparison of cardiovascular adjustments to exercise in adolescents 8 to 15 years of age after correction of tetralogy of fallot, ventricular septal defect or atrial septal defect. Perrault H, et al. **Am J Cardiol** 1989 Jul 15;64(3):213-7
Metabolic and hemodynamic consequences of sodium bicarbonate administration in patients with heart disease. Bersin RM, et al. **Am J Med** 1989 Jul;87(1):7-14
Superior efficacy of propranolol versus nifedipine in double-component angina, as related to different influences on coronary vasomotility. DeCesare N, et al. **Am J Med** 1989 Jul;87(1):15-21
Effect of buprenorphine on the cardiovascular response to tracheal intubation. Khan FA, et al. **Anaesthesia** 1989 May; 44(5):394-7
Haemodynamic responses to nicardipine in humans anaesthetised with halothane. Ray DC, et al. **Anaesthesia** 1989 May;44(5):382-5
Hemodynamic and cardiodynamic effects of propofol and etomidate: negative inotropic properties of propofol. Brüssel T, et al. **Anesth Analg** 1989 Jul;69(1):901-6
Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Schmeling WT, et al. **Anesth Analg** 1989 Jul;69(1):870-80
Daily use of smokeless tobacco: systemic effects. Benowitz NL, et al. **Ann Intern Med** 1989 Jul 15;111(2):112-6
Comparison of hemodynamic and oxygen transport effects of dopamine and dobutamine in critically ill surgical patients. Shoemaker WC, et al. **Chest** 1989 Jul;96(1):120-6
Role of endogenous adenosine in postdefibrillation bradyarrhythmia and hemodynamic depression. Wesley RC Jr, et al. **Circulation** 1989 Jul;80(1):128-37
The pharmacodynamic and pharmacokinetic interaction between single doses of flecainide acetate and verapamil: effects on cardiac function and drug clearance. Holtzman JL, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):26-32
Hemodynamic effects of intravenous lecithin-based perfluorocarbon emulsions in dogs. Mattrey RF, et al. **Crit Care Med** 1989 Jul;17(7):652-6
Relationship between core/peripheral temperature gradient and central hemodynamics in children after open heart surgery. Ryan CA, et al. **Crit Care Med** 1989 Jul; 17(7):638-40
Left ventricular dynamics during exercise in elite marathon runners. Fagard R, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):112-8
Complement-mediated hemodynamic depression in the early postburn period. Schirmer WJ, et al. **J Trauma** 1989 Jul; 29(7):932-8; discussion 938-9
The cardiovascular response of normal humans to the administration of endotoxin. Suffredini AF, et al. **N Engl J Med** 1989 Aug 3;321(5):280-7
Maternal hemodynamics after normal delivery and delivery complicated by postpartum hemorrhage. Robson SC, et al. **Obstet Gynecol** 1989 Aug;74(2):234-9
The cardiac effects of adenosine. Belardinelli L, et al. **Prog Cardiovasc Dis** 1989 Jul-Aug;32(1):73-97 (249 ref.)
The lung inflammatory response to thermal injury: relationship between physiologic and histologic changes. Demling RH, et al. **Surgery** 1989 Jul;106(1):52-9
Mesenteric venous hypertension: importance after portal systemic shunting? Landreneau RJ, et al. **Surgery** 1989 Jul; 106(1):11-20

HEMOFILTRATION

Use of extracorporeal supportive techniques as additional treatment for septic-induced multiple organ failure patients. Barzilay E, et al. **Crit Care Med** 1989 Jul;17(7):634-7

HEMOGLOBINURIA, PAROXYSMAL

Isolation and characterization of a membrane protein from normal human erythrocytes that inhibits reactive lysis of the erythrocytes of paroxysmal nocturnal hemoglobinuria. Holguin MH, et al. **J Clin Invest** 1989 Jul;84(1):7-17

HEMOLYMPH

Schistosoma mansoni antigens recognized in Biomphalaria glabrata hemolymph by monoclonal antibodies. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):605-12
Identification of snails infected with schistosomes by ELISA employing monoclonal antibodies: Schistosoma mansoni in laboratory snails (Biomphalaria glabrata) and in field snails (Biomphalaria pfeifferi) from Kenya. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):613-9

HEMOLYSINS

Thromboxane-mediated hypertension and vascular leakage evoked by low doses of Escherichia coli hemolysin in rabbit lungs. Seeger W, et al. **J Clin Invest** 1989 Jul;84(1):220-7

HEMOLYSIS

Isolation and characterization of a membrane protein from normal human erythrocytes that inhibits reactive lysis of the erythrocytes of paroxysmal nocturnal hemoglobinuria. Holguin MH, et al. **J Clin Invest** 1989 Jul;84(1):7-17

HEMOPHILIA

Immune thrombocytopenia in hemophiliacs infected with human immunodeficiency virus and their response to splenectomy. Kim HC, et al. **Arch Intern Med** 1989 Jul; 149(7):1685-8
Sepsis due to an infected pseudocyst of hemophilia. A case report. Ferenz CC, et al. **Clin Orthop** 1989 Jul;(244):254-7
Hemophilia presenting as compartment syndrome in the arm following venipuncture. A case report and review of the literature. Nixon RG, et al. **Clin Orthop** 1989 Jul; (244):176-81 (27 ref.)
Lupus anticoagulant, anticardiolipin antibodies, and human immunodeficiency virus in haemophilia. Cohen H, et al. **J Clin Pathol** 1989 Jun;42(6):629-33
Cytomegalovirus infection and progression towards AIDS in haemophiliacs with human immunodeficiency virus infection. Webster A, et al. **Lancet** 1989 Jul 8;2(8654):63-6

HEMOPTYSIS

Changing spectrum of hemoptysis. Underlying causes in 148 patients undergoing diagnostic flexible fiberoptic bronchoscopy. Johnston H, et al. **Arch Intern Med** 1989 Jul;149(7):1666-8
Hemoptysis as the presenting manifestation of thyroid carcinoma. A case report. Weiland JE, et al. **Arch Intern Med** 1989 Jul;149(7):1693-4
A migratory infiltrate in a patient with hemoptysis and chest pain. Ghio AJ, et al. **Chest** 1989 Jul;96(1):195-6
Pulmonary embolism masquerading as pulmonary arteriovenous malformation on computerized tomography. Kollef MH, et al. **South Med J** 1989 Jul;82(7):924-6

HEMORRHAGE

Unusual case of postoperative adrenal hemorrhage [letter] Khardori R. **Am J Med** 1989 Jul;87(1):4
Comparison of viscoelastic measures of coagulation after cardiopulmonary bypass. Tuman KJ, et al. **Anesth Analg** 1989 Jul;69(1):935-41
Bleeding after intercostal nerve block in a patient anticoagulated with heparin. Nielsen CH. **Anesthesiology** 1989 Jul;71(1):162-4
Adrenal insufficiency and interleukin-2 therapy [letter] VanderMolen LA, et al. **Ann Intern Med** 1989 Jul 15; 111(2):185
Lupus anticoagulant [letter] Yap AS, et al. **Ann Intern Med** 1989 Aug 1;111(3):262-3
Orbital intraconal haematic cysts in young people: computed tomography and magnetic resonance imaging. Travis RC, et al. **Br J Radiol** 1989 Jun;62(738):521-5
Pulmonary hemorrhage in a cocaine abuser [letter] Walek JW, et al. **Chest** 1989 Jul;96(1):222
Different effects of bleeding and soft-tissue trauma on pulmonary platelet trapping in pigs. Blomquist S, et al. **J Trauma** 1989 Jun;29(6):866-72
1988 Fitts lecture: heart rate changes after haemorrhage and injury—a reappraisal. Little RA. **J Trauma** 1989 Jul; 29(7):903-6 (30 ref.)
Tranexamic acid for control of haemorrhage in acute promyelocytic leukaemia. Avvisati G, et al. **Lancet** 1989 Jul 15;2(8655):122-4
Internal iliac artery: embolization to control hemorrhage from pelvic neoplasms. Pisco JM, et al. **Radiology** 1989 Aug;172(2):337-9
Atraumatic hemobilia arising from a cirrhotic liver. Merrell SW, et al. **Surgery** 1989 Jul;106(1):105-9

HEMORRHAGE, GASTROINTESTINAL

Evaluation of primary and secondary gastrointestinal bleeders. Gendler SL, et al. **Arch Intern Med** 1989 Jul; 149(7):1634-6
Effects of fibrinolytic inhibitors on mortality from upper gastrointestinal haemorrhage. Henry DA, et al. **BMJ** 1989 Apr 29;298(6681):1142-6
Balloon tamponade in variceal bleeding: use and misuse. Vlavianos P, et al. **BMJ** 1989 Apr 29;298(6681):1158
Lower gastrointestinal bleeding [letter] **Br J Surg** 1989 May; 76(5):526-7
Frequent endoscopic variceal sclerotherapy increases risk of complications. Prospective randomized controlled study of two treatment schedules. Akriviadis E, et al. **Dig Dis Sci** 1989 Jul;34(7):1068-74
Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421-6
Sclerotherapy for extrahepatic portal hypertension in childhood. Hassall E, et al. **J Pediatr** 1989 Jul;115(1):69-74
New non-operative treatment for variceal haemorrhage [letter] Rössle M, et al. **Lancet** 1989 Jul 15;2(8655):153

HEMORRHAGE, POSTPARTUM

Maternal hemodynamics after normal delivery and delivery complicated by postpartum hemorrhage. Robson SC, et al. **Obstet Gynecol** 1989 Aug;74(2):234-9

HEMOSTASIS

Insolubilized von Willebrand factor and the initial events in

hemostasis [editorial] Moake JL. **J Lab Clin Med** 1989 Jul; 114(1):1-3

HEMOSTASIS, SURGICAL

Major hepatic resection under total vascular exclusion. Bismuth H, et al. **Ann Surg** 1989 Jul;210(1):13-9
Segmental liver resection using ultrasound-guided selective portal venous occlusion. Castaing D, et al. **Ann Surg** 1989 Jul;210(1):20-3
Prophylactic treatment of postperfusion bleeding using EACA. DelRossi AJ, et al. **Chest** 1989 Jul;96(1):27-30
Hemostasis in liver transplantation. Porte RJ, et al. **Gastroenterology** 1989 Aug;97(2):488-501 (119 ref.)
Minimizing the use of homologous blood products during repair of abdominal aortic aneurysms. Hallett JW Jr. **Surg Clin North Am** 1989 Aug;69(4):817-26 (25 ref.)

HEMOSTATIC TECHNICS

Gamma irradiated blood samples: unsuitability for haemostatic evaluation of high risk patients [letter] Cummins D, et al. **J Clin Pathol** 1989 Jun;42(6):667
The role of intra-aortic balloon occlusion in penetrating abdominal trauma. Gupta BK, et al. **J Trauma** 1989 Jun; 29(6):861-5
Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363-5

HEPARIN

Prevention of left ventricular mural thrombus. Turpie AG. **Am J Cardiol** 1989 Jul 18;64(4):41B-43B
Bleeding after intercostal nerve block in a patient anticoagulated with heparin. Nielsen CH. **Anesthesiology** 1989 Jul;71(1):162-4
Heparin and suspected Sanfillipo syndrome [letter] Henderson MJ, et al. **Arch Dis Child** 1989 Apr;64(4):633-4
Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149-54
A prospective double-blind trial of a low molecular weight heparin once daily compared with conventional low-dose heparin three times daily to prevent pulmonary embolism and venous thrombosis in patients with hip fracture. Monreal M, et al. **J Trauma** 1989 Jun;29(6):873-5
Randomised controlled trial of subcutaneous calcium-heparin in acute myocardial infarction. The SCATI (Studio sulla Calciparina nell'Angina e nella Trombosi Ventricolare nell'Infarto) Group. **Lancet** 1989 Jul 22;2(8656):182-6
Heparin for mural thrombosis in anterior myocardial infarction [letter] **N Engl J Med** 1989 Jul 27;321(4):259-60

HEPARIN, LOW MOLECULAR WEIGHT

Low molecular weight heparins and prevention of postoperative thrombosis [letter] Bounameaux H. **Br J Surg** 1989 May;76(5):524
A prospective double-blind trial of a low molecular weight heparin once daily compared with conventional low-dose heparin three times daily to prevent pulmonary embolism and venous thrombosis in patients with hip fracture. Monreal M, et al. **J Trauma** 1989 Jun;29(6):873-5

HEPATECTOMY

Major hepatic resection under total vascular exclusion. Bismuth H, et al. **Ann Surg** 1989 Jul;210(1):13-9
Segmental liver resection using ultrasound-guided selective portal venous occlusion. Castaing D, et al. **Ann Surg** 1989 Jul;210(1):20-3
Risk factors before hepatectomy, hepatic function after hepatectomy and computed tomographic changes as indicators of mortality from hepatic failure. Didolkar MS, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):17-26

HEPATIC ARTERY

A loop catheter for superselective catheterization of the hepatic artery. Ohno K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):296-8
A useful maneuver for hepatic arterial catheterization in patients with metastatic hepatic disease and abnormal vascular anatomy. Goldberg JA, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):71-2
Adverse effects of preoperative hepatic artery chemoembolization for resectable hepatocellular carcinoma: a retrospective comparison of 138 liver resections. Nagasue N, et al. **Surgery** 1989 Jul;106(1):81-6

HEPATIC DUCT, COMMON

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542-6

HEPATIC VEIN THROMBOSIS

Mesoatrial shunt: a surgical option in the management of the Budd-Chiari syndrome. Stringer MD, et al. **Br J Surg** 1989 May;76(5):474-8
Budd-Chiari syndrome [letter] Halkar RK. **Radiology** 1989 Aug;172(2):580

HEPATIC VENO-OCCLUSIVE DISEASE

Comfrey herb tea-induced hepatic veno-occlusive disease. Bach N, et al. **Am J Med** 1989 Jul;87(1):97-9
Hepatic veno-occlusive disease and herbal teas [letter] Ridker PM. **J Pediatr** 1989 Jul;115(1):167

HEPATITIS

Ultraviolet irradiation for hepatic rickets. Kooh SW, et al. **Arch Dis Child** 1989 Apr;64(4):617-9
Pregnancy and travel: the risks of hepatitis and scuba diving [letter] **JAMA** 1989 Jul 28;262(4):497-8

HEPATITIS A VIRUS

Hepatitis A vaccine [letter] Misra SP, et al. **Lancet** 1989 Jul 8;2(8654):114

HEPATITIS B

Screening for hepatitis B. U.S. Preventive Services Task Force. **Am Fam Physician** 1989 Jul;40(1):131-3
Hepatitis B: prevention in primary care [letter] Shanmugaratnam K, et al. **BMJ** 1989 May 13; 298(6683):1313-4
Hospitals ready for OSHA worker-safety rules. Holthaus D. **Hospitals** 1989 Jul 5;63(13):50, 52
HIV infection, hepatitis, and syphilis in Spanish prisons [letter] Acedo A, et al. **Lancet** 1989 Jul 22;2(8656):226
Post-exposure prophylaxis for hepatitis B: active or passive? Iwarson S. **Lancet** 1989 Jul 15;2(8655):146-8 (13 ref.)
Reactivation of hepatitis B [letter] Lazizi Y, et al. **Lancet** 1989 Jul 15;2(8655):172
Reactivation of hepatitis B in AIDS [letter] Vento S, et al. **Lancet** 1989 Jul 8;2(8654):108-9
Is universal screening for hepatitis B infection warranted in all prenatal populations? Christian SS, et al. **Obstet Gynecol** 1989 Aug;74(2):259-61
Hepatitis B in pregnancy. Arevalo JA. **West J Med** 1989 Jun;150(6):668-74 (66 ref.)

HEPATITIS B ANTIBODIES

Positive HIV antibody test results after treatment with hepatitis B immune globulin [letter] Isaacman SH. **JAMA** 1989 Jul 14;262(2):209

HEPATITIS B VIRUS

Intradermal hepatitis B vaccine in thalassaemia and sickle cell disease. Mok Q, et al. **Arch Dis Child** 1989 Apr; 64(4):535-40

HEPATITIS, CHRONIC ACTIVE

HLA A1, B8, DR3 extended haplotypes in autoimmune chronic hepatitis. Tait B, et al. **Gastroenterology** 1989 Aug; 97(2):479-81

HEPATITIS, VIRAL, HUMAN

A review of donor alanine aminotransferase testing. Implications for the blood donor and practitioner. Saxena S, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):767-71

HEPATOLENTICULAR DEGENERATION

Wilson's disease. Woods SE, et al. **Am Fam Physician** 1989 Jul;40(1):171-8 (25 ref.)
Sulphasalazine in rheumatoid arthritis: haematological problems [letter] Lyle WH. **Br J Rheumatol** 1989 Aug; 28(4):363-4
Potential confusion of neuroleptic malignant syndrome and Wilson's disease [letter] Dening TR, et al. **Lancet** 1989 Jul 1;2(8653):43
Wilson's disease patients can be decoppered [letter] Walshe JM. **Lancet** 1989 Jul 22;2(8656):228

HEPATOMA

Sonographically guided percutaneous injection of ethanol for treatment of hepatocellular carcinoma: value of Gelfoam to mark the lesion [letter] Shiina S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):430
Hepatoblastoma in an adult with metastasis to the ovaries. Green LK, et al. **Am J Clin Pathol** 1989 Jul;92(1):110-5
Intraoperative ultrasonography in resection of small hepatocellular carcinoma associated with cirrhosis. Nagasue N, et al. **Am J Surg** 1989 Jul;158(1):40-2
Spontaneous ruptured hepatocellular carcinoma. An appraisal of surgical treatment. Lai EC, et al. **Ann Surg** 1989 Jul;210(1):24-8
Surgery of small hepatocellular carcinoma. Analysis of 144 cases. Tang ZY, et al. **Cancer** 1989 Jul 15;64(2):536-41
Interferon beta 2/interleukin 6 modulates synthesis of alpha 1-antitrypsin in human mononuclear phagocytes and in human hepatoma cells. Perlmutter DH, et al. **J Clin Invest** 1989 Jul;84(1):138-44
Hepatocyte-stimulating factor III shares structural and functional identity with leukemia-inhibitory factor. Baumann H, et al. **J Immunol** 1989 Aug 15;143(4):1163-7
Adverse effects of preoperative hepatic artery chemoembolization for resectable hepatocellular carcinoma: a retrospective comparison of 138 liver resections. Nagasue N, et al. **Surgery** 1989 Jul;106(1):81-6

HERBICIDES

Exposure to Roundup [letter] Jensen PC. **South Med J** 1989 Jul;82(7):934

HERNIA

Incarcerated obturator hernia: case diagnosed at barium enema fluoroscopy. Glicklich M, et al. **Radiology** 1989 Jul; 172(1):51-2

HERNIA, INGUINAL

Spinal anaesthesia in infants born prematurely. Gallagher TM, et al. **Anaesthesia** 1989 May;44(5):434-6
The preperitoneal approach and prosthetic buttress repair for recurrent hernia: the evolution of a technique [letter] Rutledge RH. **Ann Surg** 1989 Jul;210(1):126
Hernia uterus inguinale associated with unicornuate uterus. Elliott DC, et al. **Arch Surg** 1989 Jul;124(7):872-3
Scrotal incarceration of the ureter with crossed renal ectopia: case report and literature review. Rocklin MS, et al. **J Urol** 1989 Aug;142(2):366-8 (17 ref.)
Hernia and hydrocele in cryptorchidism [letter] Brereton RJ. **Lancet** 1989 Jul 15;2(8655):172
Combined transurethral resection of the prostate and inguinal herniorrhaphy. Hulecki SJ. **South Med J** 1989 Jul; 82(7):845-8 (15 ref.)

HERPES SIMPLEX

Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. **J Immunol** 1989 Aug 15;143(4):1318-26
Diseases that mimic herpes simplex encephalitis. Diagnosis, presentation, and outcome. NIAD Collaborative Antiviral Study Group. Whitley RJ, et al. **JAMA** 1989 Jul 14; 262(2):234-9

HERPES ZOSTER, OCULAR

Varicella-zoster retinitis in human immunodeficiency virus infection. Case report. Chambers RB, et al. **Arch Ophthalmol** 1989 Jul;107(7):960-1
Ocular varicella-zoster virus infection in the guinea pig. A new in vivo model. Pavan-Langston D, et al. **Arch Ophthalmol** 1989 Jul;107(7):1068-72

HERPESVIRUS HOMINIS

Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Pepose JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):983-5
Complement-mediated phagocytosis of herpes simplex virus by granulocytes. Binding or ingestion. Van Strijp JA, et al. **J Clin Invest** 1989 Jul;84(1):107-12
Functional alterations of herpes simplex virus-specific CD4+ multifunctional T cell clones following infection with human T lymphotropic virus type I. Inatsuki A, et al. **J Immunol** 1989 Aug 15;143(4):1327-33
Effect of intravenously administered immune globulin on functional antibody to herpes simplex virus in low birth weight neonates. Kohl S, et al. **J Pediatr** 1989 Jul; 115(1):135-9
Diseases that mimic herpes simplex encephalitis. Diagnosis, presentation, and outcome. NIAD Collaborative Antiviral Study Group. Whitley RJ, et al. **JAMA** 1989 Jul 14; 262(2):234-9

HETEROZYGOTE DETECTION

Dystrophin and Duchenne's muscular dystrophy [letter] Hurko O, et al. **N Engl J Med** 1989 Aug 10;321(6):398-9

HEXAMETHONIUM COMPOUNDS

Hexamethonium, a forgotten drug in relation to "new" concepts in the management of heart failure [editorial] Freis ED. **Am Heart J** 1989 Aug;118(2):426-7

HIDRADENOMA

Eruptive pruritic papules. Eruptive syringomas (eruptive hidradenomas of Jacquet and Darier). Kuttner BJ, et al. **Arch Dermatol** 1989 Jul;125(7):985, 988
Ulcerated tumor on the scalp. Clear-cell hidradenoma. Schweitzer WJ, et al. **Arch Dermatol** 1989 Jul;125(7):985-6, 989

HIGH-FREQUENCY JET VENTILATION

Airway obstruction caused by a kinked Hi-Lo Jet endotracheal tube during high frequency jet ventilation. Wilks DH, et al. **Anesth Analg** 1989 Jul;69(1):982-4
Vaporizer for volatile anesthetics during high-frequency jet ventilation. Mazloomdoost M, et al. **Anesthesiology** 1989 Jul;71(1):150-3

HIGH-FREQUENCY VENTILATION

Pulmonary function in preterm infants whose lungs were ventilated conventionally or by high-frequency oscillation. Gerhardt T, et al. **J Pediatr** 1989 Jul;115(1):121-6

HIP FRACTURES

Trabecular microfractures. Nature and distribution in the proximal femur. Koszyca B, et al. **Clin Orthop** 1989 Jul; (244):208-16
Thompson hemiarthroplasty and acetabular erosion. Phillips TW. **J Bone Joint Surg [Am]** 1989 Jul;71(6):913-7
A hypothesis: the causes of hip fractures. Cummings SR, et al. **J Gerontol** 1989 Jul;44(4):M107-11
A prospective double-blind trial of a low molecular weight heparin once daily compared with conventional low-dose heparin three times daily to prevent pulmonary embolism and venous thrombosis in patients with hip fracture. Monreal M, et al. **J Trauma** 1989 Jun;29(6):873-5

HIP PROSTHESIS

Multiple joint replacements in rheumatoid arthritis [letter] Marks JS. **Br J Rheumatol** 1989 Aug;28(4):362
A clinical-pathologic-biochemical study of the membrane surrounding loosened and nonloosened total hip arthroplasties. Goodman SB, et al. **Clin Orthop** 1989 Jul; (244):182-7
"Proportionately sized" femoral components [letter] Gorski JM. **Clin Orthop** 1989 Jul;(244):309-10
Long-term results of total hip arthroplasty for osteonecrosis of the femoral head. A comparison with osteoarthritis. Saito S, et al. **Clin Orthop** 1989 Jul;(244):198-207
Bipolar hip arthroplasty in rheumatoid arthritis. Torisu T, et al. **Clin Orthop** 1989 Jul;(244):188-97
Two-stage reconstruction of a total hip arthroplasty because of infection. McDonald DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):828-34
Thompson hemiarthroplasty and acetabular erosion. Phillips TW. **J Bone Joint Surg [Am]** 1989 Jul;71(6):913-7
Postoperative blood salvage using the Cell Saver after total joint arthroplasty. Semkiw LB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):823-7
Retrieval of fractured cemented femoral stems. Welch RB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):918-9
Pulmonary embolism after hip or knee replacement: postoperative changes on pulmonary scintigrams in asymptomatic patients. Foley M, et al. **Radiology** 1989 Aug; 172(2):481-5

HIPPOCAMPUS

Memory following intracarotid amobarbital injection contralateral to hippocampal damage. Rausch R, et al. **Arch Neurol** 1989 Jul;46(7):783-8
Anterior temporal lobes and hippocampal formations: normative volumetric measurements from MR images in young adults. Jack CR Jr, et al. **Radiology** 1989 Aug; 172(2):549-54

HISPANIC AMERICANS

Breast feeding among Hispanic women [letter] Ibarguen E. **Clin Pediatr (Phila)** 1989 Jul;28(7):335-6
Mandatory reporting of human immunodeficiency virus testing would deter blacks and Hispanics from being tested [letter] Fordyce EJ, et al. **JAMA** 1989 Jul 21;262(3):349
Injury mortality in New Mexico's American Indians, Hispanics, and non-Hispanic whites, 1958 to 1982. Sewell CM, et al. **West J Med** 1989 Jun;150(6):708-13

HISTAMINE

Airway responsiveness to histamine and leukotriene E4 in subjects with aspirin-induced asthma. Arm JP, et al. **Am Rev Respir Dis** 1989 Jul;140(1):148-53
Sensitivity of the human cough reflex: effect of inflammatory mediators prostaglandin E2, bradykinin, and histamine. Choudry NB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):137-41
Histamine affects testicular steroid production in the golden hamster. Mayerhofer A, et al. **Endocrinology** 1989 Jul; 125(1):560-2

HISTAMINE H2 RECEPTOR BLOCKADERS

Randomized, double-blind comparison of famotidine with ranitidine in treatment of acute, benign gastric ulcer disease. Community-based study coupled with a patient registry. Brazer SR, et al. **Dig Dis Sci** 1989 Jul;34(7):1047-52
Low bedtime doses of H2-receptor antagonists for acute treatment of duodenal ulcer. Savarino V, et al. **Dig Dis Sci** 1989 Jul;34(7):1043-6

HISTAMINE LIBERATION

Regulation of human basophil mediator release by cytokines. I. Interaction with antiinflammatory steroids. Schleimer RP, et al. **J Immunol** 1989 Aug 15;143(4):1310-7
Spontaneous release of histamine from basophils and histamine-releasing factor in patients with atopic dermatitis and food hypersensitivity [see comment] Sampson HA, et al. **N Engl J Med** 1989 Jul 27;321(4):228-32. **Comment on:** N Engl J Med 1989 Jul 27;321(4):255-7

HISTIOCYTOSIS X

Otologic manifestations of Langerhans' cell histiocytosis. Cunningham MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):807-13
Pulmonary histiocytosis X: evaluation with high-resolution CT. Brauner MW, et al. **Radiology** 1989 Jul;172(1):255-8
Pulmonary histiocytosis X: comparison of radiographic and CT findings. Moore AD, et al. **Radiology** 1989 Jul; 172(1):249-54

HISTOCOMPATIBILITY ANTIGENS

Transitions from high to low molecular weight isoforms of CD45 (T200) involve rapid activation of alternate mRNA splicing and slow turnover of surface CD45R. Deans JP, et al. **J Immunol** 1989 Aug 15;143(4):1233-8
Production of lymphokine mRNA by CD45R+ and CD45R- helper T cells from human peripheral blood and by human CD4+ T cell clones. Salmon M, et al. **J Immunol** 1989 Aug 1;143(3):907-12
Immunomodulatory activity of staphylococcal enterotoxin-B. The induction of an I-J-restricted suppressor factor. Taub DD, et al. **J Immunol** 1989 Aug 1;143(3):813-20

HISTOCOMPATIBILITY ANTIGENS CLASS I

Characterization of the class I HLA 9.2-kb PVU II restriction fragment length polymorphism. Linkage to HLA-A and lack of disease association. Ahearn JM Jr, et al. **Arthritis Rheum** 1989 Jul;32(7):870-6
Anti-Qa-2-induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. Hahn AB, et al. **J Immunol** 1989 Jul 15; 143(2):407-13
Induction of class I MHC-restricted, peptide-specific cytolytic T lymphocytes by peptide priming in vivo. Ishioka GY, et al. **J Immunol** 1989 Aug 15;143(4):1094-100

HISTOCOMPATIBILITY ANTIGENS CLASS II

Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89-94
Restricted assembly of haplotype-mismatched A alpha:A beta complexes in transgenic mice [letter] Beck BN. **J Immunol** 1989 Jul 15;143(2):755-6
Fine specificity of T cell recognition of the same peptide in association with different I-A molecules. Brett SJ, et al. **J Immunol** 1989 Aug 1;143(3):771-9
Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. **J Immunol** 1989 Jul 15;143(2):403-6
Analysis of the interaction of peptide hen egg white lysozyme (34-45) with the I-Ak molecule. Lambert LE, et al. **J Immunol** 1989 Aug 1;143(3):802-7
A functional role for signal transduction via the cytoplasmic domains of MHC class II proteins. St-Pierre Y, et al. **J Immunol** 1989 Aug 1;143(3):808-12
Capacity of intact proteins to bind to MHC class II molecules. Sette A, et al. **J Immunol** 1989 Aug 15;143(4):1265-7
Effect of conformational propensity of peptide antigens in their interaction with MHC class II molecules. Failure to document the importance of regular secondary structures. Sette A, et al. **J Immunol** 1989 Aug 15;143(4):1268-73

HISTOLOGICAL TECHNICS

Cetylpyridinium chloride as a fixative for glycosaminoglycans in histologic sections [letter] Scott JE. **Arch Dermatol** 1989 Jul;125(7):1002
Measurement of pressure ulcer volume using dental impression materials: suggestion from the field. Covington JS, et al. **Phys Ther** 1989 Aug;69(8):690-4

HISTONES

Reactivity of antinuclear antibodies with histones and other antigens in juvenile rheumatoid arthritis. Malleson P, et al. **Arthritis Rheum** 1989 Jul;32(7):919-23
Antibodies to histones H1 and H5 in sera of patients with juvenile rheumatoid arthritis. Pauls JD, et al. **Arthritis Rheum** 1989 Jul;32(7):877-83

HISTOPLASMOSIS

Broncholithiasis due to Histoplasma capsulatum subsequently infected by actinomycetes. Hirschfield LS, et al. **Chest** 1989 Jul;96(1):218-9

HIV

Zidovudine resistant HIV [news] Jeffries DJ. **BMJ** 1989 Apr 29;298(6681):1132-3
Origin of HIV. McClure MO, et al. **BMJ** 1989 May 13; 298(6683):1267-8 (25 ref.)
Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Linnemann CC Jr, et al. **Chest** 1989 Jul;96(1):64-7
Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149-54

HIV ANTIGENS

Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Linnemann CC Jr, et al. **Chest** 1989 Jul;96(1):64-7

HIV SEROPOSITIVITY

Neurosyphilis and stroke in a patient with antibodies to the human immunodeficiency virus. Reid SE, et al. **Am J Med** 1989 Jul;87(1):119-20
Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876-80
CD4 counts as predictors of opportunistic pneumonias in human immunodeficiency virus (HIV) infection. Masur H, et al. **Ann Intern Med** 1989 Aug 1;111(3):223-31
Immune thrombocytopenia in hemophiliacs infected with human immunodeficiency virus and their response to splenectomy. Kim HC, et al. **Arch Intern Med** 1989 Jul; 149(7):1685-8
Ocular manifestations in pediatric patients with acquired immunodeficiency syndrome. Dennehy PJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):978-82 (30 ref.)
Screening for HIV in medicolegal necropsies in Helsinki. Karhunen PJ, et al. **BMJ** 1989 Apr 29;298(6681):1160
Lupus anticoagulant, anticardiolipin antibodies, and human immunodeficiency virus in haemophilia. Cohen H, et al. **J Clin Pathol** 1989 Jun;'2(6):629-33
Drug abuse, HIV infection, and tuberculosis [letter] Brown LS Jr, et al. **JAMA** 1989 Aug 4;262(5):615-6
Mandatory reporting of human immunodeficiency virus testing would deter blacks and Hispanics from being tested [letter] Fordyce EJ, et al. **JAMA** 1989 Jul 21;262(3):349
Positive HIV antibody test results after treatment with hepatitis B immune globulin [letter] Isaacman SH. **JAMA** 1989 Jul 14;262(2):209
Human immunodeficiency virus infection in emergency department patients. Epidemiology, clinical presentations, and risk to health care workers: the Johns Hopkins experience. Kelen GD, et al. **JAMA** 1989 Jul 28; 262(4):516-22
HIV infection associated with injections of anabolic steroids [letter] Scott MJ, et al. **JAMA** 1989 Jul 14;262(2):207-8
Outbreak of HIV seropositivity among commercial plasma donors in Pune, India [letter] Banerjee K, et al. **Lancet** 1989 Jul 15;2(8655):166
Mobility of injection drug users and transmission of HIV [letter] Bisset C, et al. **Lancet** 1989 Jul 1;2(8653):44
Reactivation of hepatitis B [letter] Lazizi Y, et al. **Lancet** 1989 Jul 15;2(8655):172
Cytomegalovirus infection and progression towards AIDS in haemophiliacs with human immunodeficiency virus infection. Webster A, et al. **Lancet** 1989 Jul 8;2(8654):63-6
Seroprevalence of human immunodeficiency virus infection in a prenatal population at high risk for HIV infection. Lindsay MK, et al. **South Med J** 1989 Jul;82(7):825-8

HIV-1

Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Pepose JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):983-5
Viral antigen stimulation of the production of human monokines capable of regulating HIV1 expression. Clouse KA, et al. **J Immunol** 1989 Jul 15;143(2):470-5
CD8+CD4- lymphocyte lines can harbor the AIDS virus in vitro. Tsubota H, et al. **J Immunol** 1989 Aug 1; 143(3):858-63
HIV-1 infection in males and females in Central Africa [letter] Trebucq A, et al. **Lancet** 1989 Jul 22;2(8656):225-6

HLA ANTIGENS

HLA in autonomic failure. Nee LE, et al. **Arch Neurol** 1989 Jul;46(7):758-9
Induction of cell surface expression of HLA antigens by human IFN-gamma encoded by recombinant vaccinia virus. Kohonen-Corish MR, et al. **J Immunol** 1989 Jul 15; 143(2):623-7
Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T

cell clones isolated in IL-4. Paliard X, et al. **J Immunol** 1989 Jul 15;143(2):452-7
HLA and immune response [letter] McCombs CC, et al. **JAMA** 1989 Aug 11;262(6):774

HLA-A ANTIGENS

Characterization of the class I HLA 9.2-kb PVU II restriction fragment length polymorphism. Linkage to HLA-A and lack of disease association. Ahearn JM Jr, et al. **Arthritis Rheum** 1989 Jul;32(7):870-6
HLA A1, B8, DR3 extended haplotypes in autoimmune chronic hepatitis. Tait B, et al. **Gastroenterology** 1989 Aug; 97(2):479-81
Idiopathic haemochromatosis in north Portugal: association with haplotype A3B7 [letter] Porto G, et al. **J Clin Pathol** 1989 Jun;42(6):667-8
Differential effects of amino acid substitutions in the beta-sheet floor and alpha-2 helix of HLA-A2 on recognition by alloreactive viral peptide-specific cytotoxic T lymphocytes. Mattson DH, et al. **J Immunol** 1989 Aug 15;143(4):1101-7
A single amino acid substitution in HLA-A2 can alter the selection of the cytotoxic T lymphocyte repertoire that responds to influenza virus matrix peptide 55-73. Shimojo N, et al. **J Immunol** 1989 Jul 15;143(2):558-64

HLA-B ANTIGENS

HLA A1, B8, DR3 extended haplotypes in autoimmune chronic hepatitis. Tait B, et al. **Gastroenterology** 1989 Aug; 97(2):479-81
Sheehan's syndrome and HLA-B5 [letter] Boukhris R, et al. **JAMA** 1989 Jul 21;262(3):352

HLA-C ANTIGENS

The structure and expression of genes encoding serologically undetected HLA-C locus antigens. Takiguchi M, et al. **J Immunol** 1989 Aug 15;143(4):1372-8

HLA-D ANTIGENS

Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. Santamaria P, et al. **J Immunol** 1989 Aug 1; 143(3):913-22

HLA-DQ ANTIGENS

Primary association of HLA-DQw8 with type I diabetes in DR4 patients. Owerbach D, et al. **Diabetes** 1989 Jul; 38(7):942-5
Site-specific antibodies distinguish single amino acid substitutions in position 57 in HLA-DQ beta-chain alleles associated with insulin-dependent diabetes. Atar D, et al. **J Immunol** 1989 Jul 15;143(2):533-8

HLA-DR ANTIGENS

Lymphocytic infiltrates and epithelial HLA-DR expression in lip salivary glands in connective tissue disease patients lacking sicca: a prospective study. Lindahl G, et al. **Br J Rheumatol** 1989 Aug;28(4):293-8
Primary association of HLA-DQw8 with type I diabetes in DR4 patients. Owerbach D, et al. **Diabetes** 1989 Jul; 38(7):942-5
HLA A1, B8, DR3 extended haplotypes in autoimmune chronic hepatitis. Tait B, et al. **Gastroenterology** 1989 Aug; 97(2):479-81

HODGKIN'S DISEASE

Myelodysplasia and acute leukemia following treatment for Hodgkin's disease [letter] McKenna RW, et al. **Am J Clin Pathol** 1989 Jul;92(1):127-8
Morphologic changes in the thyroid after irradiation for Hodgkin's and non-Hodgkin's lymphoma. Carr RF, et al. **Cancer** 1989 Aug 15;64(4):825-9
Thyroid gland: US in patients with Hodgkin disease treated with radiation therapy in childhood. Stewart RR, et al. **Radiology** 1989 Jul;172(1):159-63

HOLISTIC HEALTH

"Quackbusting" [letter] **Can Med Assoc J** 1989 Jul 15; 141(2):98-100

HOME CARE SERVICES

Home care goes 'high-tech'. Champlin L. **Geriatrics** 1989 Jul;44(7):83-6
Home visiting: a necessary but not in itself sufficient program component for promoting the health and development of families and children. Chamberlin RW. **Pediatrics** 1989 Jul; 84(1):178-80
Home visiting of varying frequency and child development. Powell C, et al. **Pediatrics** 1989 Jul;84(1):157-64

HOME NURSING

An unforeseen complication of home parenteral antibiotic therapy. Burks JH, et al. **Arch Intern Med** 1989 Jul; 149(7):1603-4
Longitudinal studies as intervention. Collins C, et al. **Nurs Res** 1989 Jul-Aug;38(4):251-3

HOMELESS PERSONS

The homeless and the changing British National Health Service [editorial] Reid J. **Am J Public Health** 1989 Aug; 79(8):965-6
Health care for the homeless in a national health program. Reuler JB. **Am J Public Health** 1989 Aug;79(8):1033-5

HOMEOSTASIS

Cerebral blood flow and metabolism in severely head-injured children. Part 2: Autoregulation. Muizelaar JP, et al. **J Neurosurg** 1989 Jul;71(1):72-6
Role of cholecystokinin in regulation of gastrointestinal motor functions. Meyer BM, et al. **Lancet** 1989 Jul 1; 2(8653):12-5

HOMES FOR THE AGED

The prevalence of urethral catheterization in Maryland nursing homes. Warren JW, et al. **Arch Intern Med** 1989 Jul;149(7):1535-7
Physician checklist for visually impaired elderly in nursing homes. Stoehr AJ, et al. **Geriatrics** 1989 Jul;44(7):87-91

HOMICIDE

A lycanthropic murderer [letter] Benezech M, et al. **Am J Psychiatry** 1989 Jul;146(7):942
The presumptive role of fantasy in serial sexual homicide. Prentky RA, et al. **Am J Psychiatry** 1989 Jul;146(7):887-91

HOMOSEXUALITY

Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876-80
The initiation of male homosexual behavior [letter] Haverkos HW, et al. **JAMA** 1989 Jul 28;262(4):501

HORMONE ANTAGONISTS

Effects of progestins, estrogens, and antihormones on growth and lactate dehydrogenase in the human breast cancer cell line T47D. Hissom JR, et al. **Endocrinology** 1989 Jul; 125(1):418-23

HORMONES

Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Hernandez ER, et al. **Endocrinology** 1989 Jul;125(1):572-4

HORMONES, ECTOPIC

Insertion of the v-Ha-ras oncogene induces differentiation of calcitonin-producing human small cell lung cancer. Mabry M, et al. **J Clin Invest** 1989 Jul;84(1):194-9

HORSE DISEASES

The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Gray PR, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):154-60

HOSPITAL ADMINISTRATION

Rural health care: challenges for the 1990s. Boeder S. **Hospitals** 1989 Jul 5;63(13):FB66, FB68
Should a hospital rescue a failing group practice? Koska MT. **Hospitals** 1989 Jul 5;63(13):56, 58

HOSPITAL DEPARTMENTS

Possible decrease in mortality associated with anaesthesia. A comparison of two time periods in Massachusetts, USA. Closed Claims Study Committee. Zeitlin GL. **Anaesthesia** 1989 May;44(5):432-3

HOSPITAL DESIGN AND CONSTRUCTION

Hospital art and its problems. Delamothe T. **BMJ** 1989 Apr 29;298(6681):1164-5

HOSPITAL INFORMATION SYSTEMS

Inpatient bedside system enters the computer age. Lappa K. **Hospitals** 1989 Jul 5;63(13):76
Bar coding permeates the health care field. Longe K. **Hospitals** 1989 Jul 5;63(13):FB56, FB58
Integrating information systems with HL7. Walker JM. **Hospitals** 1989 Jul 5;63(13):FB60, FB62

HOSPITAL UNITS

Outbreaks of salmonella infection in hospitals in England and Wales 1978-87. Joseph CA, et al. **BMJ** 1989 Apr 29; 298(6681):1161-4

HOSPITALIZATION

Assessing the need to hospitalize children: pediatric appropriateness evaluation protocol. Kreger BE, et al. **Pediatrics** 1989 Aug;84(2):242-7
Hospitalization of children with status asthmaticus: a review. Richards W. **Pediatrics** 1989 Jul;84(1):111-8
High cost of trauma care in the elderly. Ross N, et al. **South Med J** 1989 Jul;82(7):857-9

HOSPITALS

Neonatal mortality in normal birth weight babies: does the level of hospital care make a difference? Berg CJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):86-91
Hospitals play key role in women's health. Harness BZ, et al. **Hospitals** 1989 Jul 5;63(13):FB52, FB54
Surgeon volume vs hospital volume: which matters more? [editorial] Garnick DW, et al. **JAMA** 1989 Jul 28; 262(4):547-8

HOSPITALS, COMMUNITY

Community teaching hospitals feel funding squeeze. McCormick B. **Hospitals** 1989 Jul 5;63(13):34, 36, 38

HOSPITALS, PUBLIC

Daycase anaesthesia and anxiety. A study of anxiety profiles amongst patients attending a day bed unit. Mackenzie JW. **Anaesthesia** 1989 May;44(5):437-40

HOSPITALS, SPECIAL

Job stress and satisfaction among the staff members at a cancer center. Peteet JR, et al. **Cancer** 1989 Aug 15; 64(4):975-82
Catastrophic Act threatens long-stay hospitals. Eubanks P. **Hospitals** 1989 Jul 5;63(13):72
The impact of a total ban on smoking in the Johns Hopkins Children's Center. Becker DM, et al. **JAMA** 1989 Aug 11;262(6):799-802
General pediatric clinic practice management: results of a survey of academic departments. Berkelhamer JE. **Pediatrics** 1989 Jul;84(1):98-102

HOSPITALS, TEACHING

Community teaching hospitals feel funding squeeze. McCormick B. **Hospitals** 1989 Jul 5;63(13):34, 36, 38
The economic impact and multiplier effect of a family practice clinic on an academic medical center. Schneeweiss R, et al. **JAMA** 1989 Jul 21;262(3):370-5
An example of hospital utilization review. Wilson LD. **West J Med** 1989 Jun;150(6):718-22

HOUSING

Carbon monoxide poisoning in a motel [letter] Harlan CW. **JAMA** 1989 Aug 11;262(6):771-2

HTLV-I

Functional alterations of herpes simplex virus-specific CD4+ multifunctional T cell clones following infection with human T lymphotropic virus type I. Inatsuki A, et al. **J Immunol** 1989 Aug 15;143(4):1327-33

HTLV-I ANTIBODIES

Seroprevalence of human T lymphotropic virus type I in Puerto Rico. Kaplan JE, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):659-62

HTLV-I INFECTIONS

Prevalence of HTLVI in Zimbabwe: a pilot survey [letter] Emmanuel JC, et al. **J Clin Pathol** 1989 Jun;42(6):669-70
HIV and HTLV-I infections in the Americas: a regional perspective. Quinn TC, et al. **Medicine (Baltimore)** 1989 Jul;68(4):189-209 (257 ref.)
HTLV-I-associated diseases. Bunn PA Jr. **West J Med** 1989 May;150(5):578-9

HUMAN RIGHTS

Allegations of torture in Turkey [letter] **Lancet** 1989 Jul 22; 2(8656):220-1
Academic boycott of South Africa [letter] Nelson GS. **Lancet** 1989 Jul 1;2(8653):50
Economic welfare versus social justice. Windom RE. **South Med J** 1989 Jul;82(7):818-21

HUMIDITY

Impaired ophthalmoscopy and condensation on intraocular lens. Sappenfield D, et al. **Am J Ophthalmol** 1989 Jul 15; 108(1):88
The effect of wearing spectacles on the humidity of the eye. Tsubota K. **Am J Ophthalmol** 1989 Jul 15;108(1):92-3
Humidity of the Bain and circle systems reassessed. Bengtson JP, et al. **Anesth Analg** 1989 Jul;69(1):949-52

HUNTINGTON CHOREA

Nutritional evaluation of Huntington disease patients. Morales LM, et al. **Am J Clin Nutr** 1989 Jul;50(1):145–50

HYALINE MEMBRANE DISEASE

Neonatology—then and now. Assisted ventilation in the newborn (1964). Walker CH. **Arch Dis Child** 1989 Apr; 64(4):629

HYALURONIC ACID

Calcium destabilizes and causes conformational changes in hyaluronic acid. Gabriel DA, et al. **Am J Med Sci** 1989 Jul;298(1):8–14

Protective effects of viscous solutions in phacoemulsification and traumatic lens implantation. Glasser DB, et al. **Arch Ophthalmol** 1989 Jul;107(7):1047–51

HYBRID CELLS

Absence of Ig V region gene somatic hypermutation in advanced Burkitt's lymphoma. Carroll WL, et al. **J Immunol** 1989 Jul 15;143(2):692–8

Ig V region gene expression in small lymphocytic lymphoma with little or no somatic hypermutation. Pratt LF, et al. **J Immunol** 1989 Jul 15;143(2):699–705

HYBRIDOMAS

Functional analysis of cloned macrophage hybridomas. VII. Modulation of suppressor T cell-inducing activity. Ishikura H, et al. **J Immunol** 1989 Jul 15;143(2):414–9

HYDATIDIFORM MOLE

Human chorionic gonadotropin and free subunits' serum levels in patients with partial and complete hydatidiform moles. Berkowitz R, et al. **Obstet Gynecol** 1989 Aug; 74(2):212–6

Repetitive complete and partial hydatidiform mole. Rice LW, et al. **Obstet Gynecol** 1989 Aug;74(2):217–9

HYDROCELE

Hernia and hydrocele in cryptorchidism [letter] Brereton RJ. **Lancet** 1989 Jul 15;2(8655):172

HYDROCEPHALUS

Factors associated with hydrocephalus after subarachnoid hemorrhage. A report of the Cooperative Aneurysm Study. Graff-Radford NR, et al. **Arch Neurol** 1989 Jul; 46(7):744–52

Hydrocephalus in achondroplasia: the possible role of intracranial venous hypertension. Steinbok P, et al. **J Neurosurg** 1989 Jul;71(1):42–8

Relationship between compliance and resistance to outflow of CSF in adult hydrocephalus. Tans JT, et al. **J Neurosurg** 1989 Jul;71(1):59–62

HYDROCHLORIC ACID

Pulmonary artery catheter deterioration during hydrochloric acid infusion for the treatment of metabolic alkalosis. Kopel RF, et al. **Crit Care Med** 1989 Jul;17(7):688–9

HYDROCORTISONE

Does dexamethasone suppress the ACTH response in preterm babies? Rennie JM, et al. **Arch Dis Child** 1989 Apr; 64(4):612–3

Mineralocorticoid deficiency in HIV infection [letter] Murphy CE, et al. **BMJ** 1989 Apr 29;298(6681):1181

Fluorimetric method for simultaneous estimation of cortisol, corticosterone, and testosterone in plasma. Mattingly D, et al. **J Clin Pathol** 1989 Jun;42(6):661–6

Physiology of the adrenal cortex. Bravo EL. **Urol Clin North Am** 1989 Aug;16(3):433–7 (17 ref.)

HYDROGEN PEROXIDE

Injurious effect of the eosinophil peroxide–hydrogen peroxide–halide system and major basic protein on human nasal epithelium in vitro. Ayars GH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):125–31

Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Pepose JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):983–5

HYDRONEPHROSIS

Ureteropelvic junction obstruction associated with ureteral hypoplasia. Allen TD, et al. **J Urol** 1989 Aug;142(2):353–5

The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. Dejter SW Jr, et al. **J Urol** 1989 Aug;142(2 Pt 2):661–2; discussion 667–8

Sonographic evaluation and conservative management of newborns with myelomeningocele and hydronephrosis. Erickson D, et al. **J Urol** 1989 Aug;142(2 Pt 2):592–4; discussion 603–5

Pyeloplasty in the young infant. Wolpert JJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):573–5; discussion 603–5

HYDROTHORAX

Leiomyoma of the ovary with ascites and hydrothorax. Nicoll JJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):177–8

3-HYDROXYACYL COA DEHYDROGENASES

Sudden infant death and long-chain 3-hydroxyacyl-CoA dehydrogenase [letter] Wanders RJ, et al. **Lancet** 1989 Jul 1;2(8653):52–3

HYDROXYAPATITES

Origin of HA-fibrin glue mixture for ridge augmentation [letter] Bochlogyros PN. **J Oral Maxillofac Surg** 1989 Aug; 47(8):891

The rate of vascularization of coralline hydroxyapatite. Grenga TE, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):245–9

Porous hydroxyapatite as an onlay bone-graft substitute for maxillofacial surgery. Salyer KE, et al. **Plast Reconstr Surg** 1989 Aug;84(2):236–44

4-HYDROXYCOUMARINS

The interaction of the prostaglandin E derivative rioprostil with oral anticoagulant agents. Thijssen HH, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):110–6

Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1–7

HYDROXYEICOSATETRAENOIC ACIDS

Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. **J Immunol** 1989 Aug 1;143(3):964–70

HYDROXYMETHYLGLUTARYL COA REDUCTASES

Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459–68

The enhancing effect of adrenocorticotropin on adrenal 3-hydroxy-3-methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Lehoux JG, et al. **Endocrinology** 1989 Jul;125(1):158–64

HYDROXYSTEROID DEHYDROGENASES

Corticosteroid 11 beta-dehydrogenase in rat testis. Phillips DM, et al. **Endocrinology** 1989 Jul;125(1):209–16

HYGIENE

Old and unwashed: bathing problems in the over 70s. Penn ND, et al. **BMJ** 1989 Apr 29;298(6681):1158–9

HYMEN

Management of imperforate hymen with the carbon dioxide laser. Friedman M, et al. **Obstet Gynecol** 1989 Aug; 74(2):270–2

HYMENOPTERA

Epidemiology of insect venom sensitivity. Golden DB, et al. **JAMA** 1989 Jul 14;262(2):240–4

HYOID BONE

CT of hyoid osteomyelitis [letter] Schweitzer ME, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):432–3

HYPERALDOSTERONISM

The detection of adrenal tumors and hyperplasia in patients with primary aldosteronism: comparison of scintigraphy, CT, and MR imaging. Ikeda DM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):301–6

Primary aldosteronism. Bravo EL. **Urol Clin North Am** 1989 Aug;16(3):481–6 (15 ref.)

Surgery for primary hyperaldosteronism. Novick AC. **Urol Clin North Am** 1989 Aug;16(3):535–45 (20 ref.)

HYPERBARIC OXYGENATION

The treatment of tumors by the induction of anemia and irradiation in hyperbaric oxygen. Sealy R, et al. **Cancer** 1989 Aug 1;64(3):646–52

HYPERBILIRUBINEMIA, HEREDITARY

Jaundice with hypertrophic pyloric stenosis: a possible early manifestation of Gilbert syndrome. Labrune P, et al. **J Pediatr** 1989 Jul;115(1):93–5

HYPERCAPNIA

Responses to hypercarbia induced by acetazolamide in panic disorder patients. Mathew RJ, et al. **Am J Psychiatry** 1989 Aug;146(8):996–1000

The effects of acute hypoxia and hypercapnia on pulmonary mechanics in normal subjects and patients with chronic pulmonary disease. Parsons PE, et al. **Chest** 1989 Jul; 96(1):96–101

HYPERCHOLESTEROLEMIA

Use of smokeless tobacco, cigarette smoking, and hypercholesterolemia. Tucker LA. **Am J Public Health** 1989 Aug;79(8):1048–50

A critique of the report of the National Institutes of Health Expert Panel on detection, evaluation, and treatment of high blood cholesterol. Olson RE. **Arch Intern Med** 1989 Jul;149(7):1501–3

Family history evaluation as a predictive screen for childhood hypercholesterolemia. Pediatric Practice Research Group. Griffin TC, et al. **Pediatrics** 1989 Aug; 84(2):365–73

Management of hypercholesterolemia. A primary care perspective [clinical conference] Baron RB. **West J Med** 1989 May;150(5):562–8

HYPERGLYCEMIA

Hyperglycemia after trauma increases with age. Desai D, et al. **J Trauma** 1989 Jun;29(6):719–23

Hyperglycaemia and absorption of sulphonylurea drugs. Groop LC, et al. **Lancet** 1989 Jul 15;2(8655):129–30

HYPERHIDROSIS

Management of reflex sweating in spinal cord injured patients. Staas WE Jr, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):544–6

HYPERLIPIDEMIA

The genetic aspects of atherosclerosis and hyperlipidemia. Hayden MR. **Can Med Assoc J** 1989 Jul 15;141(2):135

Lack of awareness and treatment of hyperlipidemia in type II diabetes in a community survey. Stern MP, et al. **JAMA** 1989 Jul 21;262(3):360–4

HYPERNATREMIA

Hypernatremia in the elderly. Sadat A, et al. **Am Fam Physician** 1989 Jul;40(1):125–8 (12 ref.)

HYPERPARATHYROIDISM

The role of parathyroid ultrasonography in the management of primary hyperparathyroidism. Mallette LE, et al. **Am J Med Sci** 1989 Jul;298(1):51–8

HYPERSENSITIVITY

An antigen-specific hypersensitivity which does not fit into traditional classification of hypersensitivity. Lei HY, et al. **J Immunol** 1989 Jul 15;143(2):432–8

Epidemiology of insect venom sensitivity. Golden DB, et al. **JAMA** 1989 Jul 14;262(2):240–4

Life-threatening allergic reactions. Anticipating and preparing are the best defenses. Stafford CT. **Postgrad Med** 1989 Jul;86(1):235–42, 245 (20 ref.)

HYPERSENSITIVITY, IMMEDIATE

Hypersensitivity to insect stings [letter] Yunginger JW. **Mayo Clin Proc** 1989 Jun;64(6):728–9

HYPERTENSION

Hemodynamic abnormalities following cardiac transplantation: relationship to hypertension and survival. Murali S, et al. **Am Heart J** 1989 Aug;118(2):334–41

Effectiveness of doxazosin in systemic hypertension. Ames RP, et al. **Am J Cardiol** 1989 Jul 15;64(3):203–8

Blood pressure among Asian-Americans living in northern California. Angel A, et al. **Am J Cardiol** 1989 Jul 15; 64(3):237–40

Disparate hemodynamic and sympathoadrenergic responses to isometric and mental stress in essential hypertension. Grossman E, et al. **Am J Cardiol** 1989 Jul 1;64(1):42–4

Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Luurila OJ, et al. **Am J Cardiol** 1989 Jul 1; 64(1):97–9

Usefulness of thallium-201 scintigraphy in predicting the development of angina pectoris in hypertensive patients with left ventricular hypertrophy. Tubau JF, et al. **Am J Cardiol** 1989 Jul 1;64(1):45–9

Cardiac performance after reduction of myocardial hypertrophy. Schmieder RE, et al. **Am J Med** 1989 Jul; 87(1):22–7
Sublingual nifedipine in acute severe hypertension [letter] Hatton RC, et al. **Arch Dis Child** 1989 Apr;64(4):633
Rectal nifedipine in acute severe hypertension in young children [letter] Uchiyama M, et al. **Arch Dis Child** 1989 Apr;64(4):632–3
Comparative effects of transdermal clonidine and oral atenolol on acute exercise performance and response to aerobic conditioning in subjects with hypertension. Davies SF, et al. **Arch Intern Med** 1989 Jul;149(7):1551–6
The deadly quartet. Upper-body obesity, glucose intolerance, hypertriglyceridemia, and hypertension. Kaplan NM. **Arch Intern Med** 1989 Jul;149(7):1514–20 (76 ref.)
Disparate urinary catecholamine patterns in secondary hypertension due to unique sequential development of pheochromocytoma and neuroblastoma. Amodeo C, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):800–2
Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. Pollare T, et al. **BMJ** 1989 Apr 29; 298(6681):1152–7
Comparison of antihypertensive therapies by noninvasive techniques. Graettinger WF, et al. **Chest** 1989 Jul; 96(1):74–9
Nadolol antihypertensive effect and disposition in young and elderly adults with mild to moderate essential hypertension. Mitenko PA, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):56–62
Calcium antagonists for initial therapy of hypertension. Frohlich ED. **Heart Lung** 1989 Jul;18(4):370–6 (18 ref.)
Chronic blockade of endogenous atrial natriuretic polypeptide (ANP) by monoclonal antibody against ANP accelerates the development of hypertension in spontaneously hypertensive and deoxycorticosterone acetate-salt-hypertensive rats. Itoh H, et al. **J Clin Invest** 1989 Jul;84(1):145–54
Family physicians and general internists: do they treat hypertensive patients differently? Adamson TE, et al. **J Fam Pract** 1989 Jul;29(1):93–9
Hydrocephalus in achondroplasia: the possible role of intracranial venous hypertension. Steinbok P, et al. **J Neurosurg** 1989 Jul;71(1):42–8
Calcium entry blockers in the treatment of hypertension. Current status and future prospects. Kaplan NM. **JAMA** 1989 Aug 11;262(6):817–23 (88 ref.)
Classification of hypertensive disorders of pregnancy [letter] **Lancet** 1989 Jul 8;2(8654):112–3
Panic and hypertension associated with single dose of buspirone [letter] Chignon JM, et al. **Lancet** 1989 Jul 1; 2(8653):46–7
Limited value of chest radiography in uncomplicated hypertension [letter] Dimmitt SB, et al. **Lancet** 1989 Jul 8;2(8654):104
Effect of salt restriction on hypertension [letter] Graudal N, et al. **Lancet** 1989 Jul 1;2(8653):41–2
Alpha-blockade for hypertension [letter] Semple PF. **Lancet** 1989 Jul 15;2(8655):158
Carteolol and penbutolol for hypertension. **Med Lett Drugs Ther** 1989 Jul 28;31(797):70–1
Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. Benigni A, et al. **N Engl J Med** 1989 Aug 10;321(6):357–62
The use of aspirin to prevent pregnancy-induced hypertension and lower the ratio of thromboxane A2 to prostacyclin in relatively high risk pregnancies. Schiff E, et al. **N Engl J Med** 1989 Aug 10;321(6):351–6
The effects of relaxation training on clinical symptoms: a meta-analysis. Hyman RB, et al. **Nurs Res** 1989 Jul–Aug; 38(4):216–20
Good going, Dr Connell! [editorial] Griffin GC. **Postgrad Med** 1989 Jul;86(1):13, 16
Mesenteric venous hypertension: importance after portal systemic shunting? Landreneau RJ, et al. **Surgery** 1989 Jul; 106(1):11–20

HYPERTENSION, MALIGNANT

IgG myeloma with hyperviscosity presenting as malignant arterial hypertension. Rubio-Garcia R, et al. **Am J Med** 1989 Jul;87(1):119

HYPERTENSION, PORTAL

Portosystemic collaterals in portal hypertension: visualization by using blood-pool SPECT imaging. Kashiwagi T, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):281–5
Cyst of the kidney or spontaneous splenorenal shunt? Differentiation by pulsed Doppler sonography [letter] Testa S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):431
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 30-1989. A 52-year-old man from India with splenomegaly, esophageal varices, and recurrent gastrointestinal bleeding. **N Engl J Med** 1989 Jul 27;321(4):246–53

HYPERTENSION, PULMONARY

Indications for surgery based on lung biopsy in cases of ventricular septal defect and/or patent ductus arteriosus with severe pulmonary hypertension. Yamaki S, et al. **Chest** 1989 Jul;96(1):31–9
Cardiopulmonary effects of Intralipid infusion in critically ill patients [letter] Isenstein DA. **Crit Care Med** 1989 Jul; 17(7):710
Ketanserin in the treatment of pulmonary hypertension after valvular surgery: a comparison with sodium nitroprusside. van der Starre PJ, et al. **Crit Care Med** 1989 Jul;17(7):613–8
Thromboxane-mediated hypertension and vascular leakage evoked by low doses of Escherichia coli hemolysin in rabbit lungs. Seeger W, et al. **J Clin Invest** 1989 Jul;84(1):220–7

HYPERTHERMIA, INDUCED

Local hyperthermia benefits natural and experimental common colds. Tyrrell D, et al. **BMJ** 1989 May 13; 298(6683):1280–3
Intractible cutaneous non-Hodgkin's lymphoma of the lower limb. Complete remission after sequential regional isolated hyperthermic perfusion and perfusion with 1-phenylalanine-mustard (melphalan, L-Pam). Jansen RF, et al. **Cancer** 1989 Jul 15;64(2):392–5
Hyperthermia in the management of lung cancer. The current situation. Bleehen NM. **Chest** 1989 Jul;96(1 Suppl):69S–71S (29 ref.)
Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. Iizumi T, et al. **J Urol** 1989 Aug; 142(2):386–9

HYPERTHYROIDISM

Methimazole and serum thyroid hormone concentrations in hyperthyroid patients: effects of single and multiple daily doses. Roti E, et al. **Ann Intern Med** 1989 Jul 15; 111(2):181–2
Hyperthyroidism and concurrent thyroid malignancies. Rieger R, et al. **Surgery** 1989 Jul;106(1):6–10

HYPERTRIGLYCERIDEMIA

The deadly quartet. Upper-body obesity, glucose intolerance, hypertriglyceridemia, and hypertension. Kaplan NM. **Arch Intern Med** 1989 Jul;149(7):1514–20 (76 ref.)
Central retinal vein obstruction with lipid exudate. Brown GC. **Arch Ophthalmol** 1989 Jul;107(7):1001–5

HYPERVENTILATION

Dual-respiratory rhythms. A key to diagnosis of diaphragmatic flutter in patients with HVS. Kondo T, et al. **Chest** 1989 Jul;96(1):106–9
Increased plasma fibrinopeptide A levels during attacks induced by hyperventilation in patients with coronary vasospastic angina. Oshima S, et al. **J Am Coll Cardiol** 1989 Jul;14(1):150–4

HYPHOMYCETES

Disseminated Trichosporon beigelii infection after orthotopic liver transplantation. Ness MJ, et al. **Am J Clin Pathol** 1989 Jul;92(1):119–23

HYPNOTICS AND SEDATIVES

Dexmedetomidine produces a hypnotic-anesthetic action in rats via activation of central alpha-2 adrenoceptors. Doze VA, et al. **Anesthesiology** 1989 Jul;71(1):75–9
Isoflurane compared with midazolam for sedation in the intensive care unit. Kong KL, et al. **BMJ** 1989 May 13; 298(6683):1277–80
Inhibition of alfentanil metabolism by erythromycin. Bartkowski RR, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):99–102

HYPOCALCEMIA

Recurring hypocalcemia of bovine parturient paresis is associated with failure to produce 1,25-dihydroxyvitamin D. Goff JP, et al. **Endocrinology** 1989 Jul;125(1):49–53

HYPOGLYCEMIA

Hypoglycemia enhances turnover of corticotropin-releasing factor and of vasopressin in the zona externa of the rat median eminence. Berkenbosch F, et al. **Endocrinology** 1989 Jul;125(1):28–34

HYPOGLYCEMIC AGENTS

Glipizide: an oral hypoglycemic drug. Wensing G. **Am J Med Sci** 1989 Jul;298(1):69–71 (24 ref.)

HYPOGONADISM

Small penis and the male sexual role. Reilly JM, et al. **J Urol** 1989 Aug;142(2 Pt 2):569–71; discussion 572

HYPOKALEMIA

GM-CSF treatment and hypokalemia [letter] Viens P, et al. **Ann Intern Med** 1989 Aug 1;111(3):263
Effect of fenoterol on plasma potassium and cardiac ectopic activity [letter] Haalboom JR, et al. **Lancet** 1989 Jul 1; 2(8653):45

HYPONATREMIA

Intravenous urea and saline for hyponatremia [letter] Wise BL. **J Neurosurg** 1989 Aug;71(2):304–5

HYPOPHYSECTOMY

Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459–68
Dexamethasone inhibits growth hormone induction of insulin-like growth factor-I (IGF-I) messenger ribonucleic acid (mRNA) in hypophysectomized rats and reduces IGF-I mRNA abundance in the intact rat. Luo JM, et al. **Endocrinology** 1989 Jul;125(1):165–71

HYPOPITUITARISM

Pituitary atrophy in patients with Sheehan's syndrome. Barkan AL. **Am J Med Sci** 1989 Jul;298(1):38–40
Sheehan's syndrome and HLA-B5 [letter] Boukhris R, et al. **JAMA** 1989 Jul 21;262(3):352

HYPOPROTEINEMIA

Intestinal absorption of peptide enteral formulas in hypoproteinemic (volume expanded) rats: a paired analysis. Brinson RR, et al. **Crit Care Med** 1989 Jul;17(7):657–60

HYPOSPADIAS

Complications of bladder mucosal graft. Ehrlich RM, et al. **J Urol** 1989 Aug;142(2 Pt 2):626–7; discussion 631
Modified meatal advancement and glanuloplasty (Arap hypospadias repair): experience in 31 patients. Scherz HC, et al. **J Urol** 1989 Aug;142(2 Pt 2):620–2; discussion 631

HYPOTENSION

Cardiovascular instability following bolus dose of etomidate. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):404–5
Disease states in which blood pressure is lowered. Loyke HF. **South Med J** 1989 Jul;82(7):864–7 (45 ref.)

HYPOTHALAMO-HYPOPHYSEAL SYSTEM

Impairment of hypothalamic-pituitary-thyroid function in rats treated with human recombinant tumor necrosis factor-alpha (cachectin). Pang XP, et al. **Endocrinology** 1989 Jul;125(1):76–84

HYPOTHERMIA

Mortality in elderly patients with thermoregulatory failure. Kramer MR, et al. **Arch Intern Med** 1989 Jul;149(7):1521–3

HYPOTHERMIA, INDUCED

Hypothermia with and without end-expiratory pressure in canine oleic acid pulmonary edema. Johnston WE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):110–7
Interaction of lidocaine and hypothermia in Bier blocks in volunteers. Heavner JE, et al. **Anesth Analg** 1989 Jul; 69(1):919–25
Right atrial extension of adrenocortical carcinoma. Surgical management using hypothermia and cardiopulmonary bypass. Cheung PS, et al. **Cancer** 1989 Aug 15;64(4):812–5

HYPOTHYROIDISM

Transient primary hypothyroidism in the neonate [letter] Clemens PC, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):335
Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459–68
Congenital hypothyroidism. Gravdal JA, et al. **J Fam Pract** 1989 Jul;29(1):47–50 (14 ref.)
Serum prolactin and aging: basal values and changes with estrogen use and hypothyroidism. Sawin CT, et al. **J Gerontol** 1989 Jul;44(4):M131–5
Failure of neonatal screening for hypothyroidism [letter] Moore P, et al. **J Pediatr** 1989 Jul;115(1):169–70
Congenital hypothyroidism and monoamniotic twins [letter] de Zegher F, et al. **Lancet** 1989 Jul 15;2(8655):169–70
Hypothyroidism with thyroxine-binding globulin excess [letter] Leung AK, et al. **Pediatrics** 1989 Jul;84(1):197
Hypothyroidism. Don't treat patients who don't have it. Hamburger JI, et al. **Postgrad Med** 1989 Jul;86(1):67–74 (10 ref.)

HYPOXANTHINE PHOSPHORIBOSYLTRANSFERASE

Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in ten subjects determined by direct sequencing of amplified transcripts. Davidson BL, et al. **J Clin Invest** 1989 Jul;84(1):342-6

HYSTERECTOMY

Basic reference gambles recommended for utility assessment [letter] Thornton JG, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):256-7

Mitomycin C adjuvant chemotherapy after Wertheim's hysterectomy for stage IB cervical cancer. Sivanesaratnam V, et al. **Cancer** 1989 Aug 15;64(4):798-800

The effect of total abdominal hysterectomy on bladder function in asymptomatic women. Langer R, et al. **Obstet Gynecol** 1989 Aug;74(2):205-7

HYSTERIA

Physicians with Georgia on their minds [news] Goldsmith MF. **JAMA** 1989 Aug 4;262(5):603-4

IBUPROFEN

Ibuprofen, acetaminophen, and placebo treatment of febrile children. Walson PD, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):9-17

IDENTIFICATION (PSYCHOLOGY)

Small penis and the male sexual role. Reilly JM, et al. **J Urol** 1989 Aug;142(2 Pt 2):569-71; discussion 572

IFOSFAMIDE

Acute ifosfamide-induced tubular toxicity [letter] Heney D, et al. **Lancet** 1989 Jul 8;2(8654):103-4

Nephrotoxicity of ifosfamide in children [letter] Skinner R, et al. **Lancet** 1989 Jul 15;2(8655):159

IGA, SECRETORY

Induction of antigen-specific IgA-forming cells in the upper respiratory mucosa. Watanabe N, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):523-9

IGG

IgG subclasses in children with nephrotic syndrome. Warshaw BL, et al. **Am J Clin Pathol** 1989 Jul;92(1):68-72

Mechanisms by which low salt condition increases sensitivity of thyroid stimulating antibody assay. Kosugi S, et al. **Endocrinology** 1989 Jul;125(1):410-7

Incorporation of intravenously injected albumin, immunoglobulin G, and fibrinogen in guinea pig megakaryocyte granules. Handagama PJ, et al. **J Clin Invest** 1989 Jul;84(1):73-82

IgG3 is the major source of cryoglobulins in mice. Abdelmoula M, et al. **J Immunol** 1989 Jul 15;143(2):526-32

The Fc binding site for streptococcal protein G is in the C gamma 2-C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. **J Immunol** 1989 Jul 15;143(2):565-70

Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274-7

Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. van de Winkel JG, et al. **J Immunol** 1989 Jul 15;143(2):571-8

IGM

Reconsideration of IgM-enriched intravenous immunoglobulin for neonatal sepsis [letter] Hall SL. **Am J Dis Child** 1989 Jul;143(7):766

Five commercial enzyme linked immunosorbent assay kits for toxoplasma specific IgM antibody. Joynson DH, et al. **J Clin Pathol** 1989 Jun;42(6):653-7

Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. **J Immunol** 1989 Aug 15;143(4):1087-93

Mutations of the mouse mu H chain which prevent polymer assembly. Davis AC, et al. **J Immunol** 1989 Aug 15; 143(4):1352-7

Plasma tumor necrosis factor levels in patients with presumed sepsis. Results in those treated with antilipid A antibody vs placebo. de Groote MA, et al. **JAMA** 1989 Jul 14; 262(2):249-51

Plasma exchange and the anticardiolipin syndrome in pregnancy [letter] Fulcher D, et al. **Lancet** 1989 Jul 15; 2(8655):171

ILEAL DISEASES

Changing patterns of treatment and survival in neonates with meconium ileus. Rescorla FJ, et al. **Arch Surg** 1989 Jul; 124(7):837-40

ILEITIS

Incidence and sonographic diagnosis of bacterial ileocaecitis masquerading as appendicitis. Puylaert JB, et al. **Lancet** 1989 Jul 8;2(8654):84-6

ILEUM

Ileocecal vaginal construction. Bürger RA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):162-7

Biochemical evidence of asymptomatic vitamin B12 deficiency in children after ileal resection for necrotizing enterocolitis. Skidmore MD, et al. **J Pediatr** 1989 Jul; 115(1):102-5

Anyone for IFDO? [editorial] **Lancet** 1989 Jul 8;2(8654):83

Salmonella infection after ileoanal anastomosis [letter] Kusunoki M, et al. **Lancet** 1989 Jul 8;2(8654):113

The effect of the route of delivery of urogastrone on intestinal regeneration. Thompson JS, et al. **Surgery** 1989 Jul; 106(1):45-51

ILIAC ARTERY

Pull-through approach to percutaneous angioplasty of totally occluded common iliac arteries. Ginsburg R, et al. **Radiology** 1989 Jul;172(1):111-3

Internal iliac artery: embolization to control hemorrhage from pelvic neoplasms. Pisco JM, et al. **Radiology** 1989 Aug;172(2):337-9

Repair of abdominal aortic aneurysms in patients with renal, iliac, or distal arterial occlusive disease. Schwarcz TH, et al. **Surg Clin North Am** 1989 Aug;69(4):845-57 (43 ref.)

A simple technique for in situ saphenous vein arterial bypass graft with anastomoses at the common femoral or external iliac artery. Tanchajja S, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):78

ILIAC VEIN

Thrombectomy of acute iliofemoral venous thrombosis during pregnancy. Mogensen K, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):50-4

ILIUM

Sepsis due to an infected pseudocyst of hemophilia. A case report. Ferenz CC, et al. **Clin Orthop** 1989 Jul;(244):254-7

IMAGE ENHANCEMENT

Unenhanced and gadolinium-DTPA-enhanced MR imaging in postoperative evaluation in pediatric brain tumors. Dickman CA, et al. **J Neurosurg** 1989 Jul;71(1):49-53

Superparamagnetic iron oxide-enhanced MR imaging: pulse sequence optimization for detection of liver cancer. Fretz CJ, et al. **Radiology** 1989 Aug;172(2):393-7

IMAGE PROCESSING, COMPUTER-ASSISTED

Interactive computer program for biomechanical analysis of videoradiographic studies of swallowing. Logemann JA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):277-80

Computer-aided three-dimensional reconstruction: a method of measuring temporal bone structures including the length of the cochlea. Takagi A, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):515-22

Quantitative nuclear morphology in the diagnosis of ovarian tumors of low malignant potential (borderline). Komitowski D, et al. **Cancer** 1989 Aug 15;64(4):905-10

The development and extension of hepatohilar bile duct carcinoma. A three-dimensional tumor mapping in the intrahepatic biliary tree visualized with the aid of a graphics computer system. Suzuki M, et al. **Cancer** 1989 Aug 1; 64(3):658-66

IMIDAZOLES

Dexmedetomidine produces a hypnotic-anesthetic action in rats via activation of central alpha-2 adrenoceptors. Doze VA, et al. **Anesthesiology** 1989 Jul;71(1):75-9

Myocardial energetics in patients with dilated cardiomyopathy. Influence of nitroprusside and enoximone. Hasenfuss G, et al. **Circulation** 1989 Jul;80(1):51-64

Effects of dexmedetomidine, a selective alpha 2-adrenoceptor agonist, on hemodynamic control mechanisms. Kallio A, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):33-42

Effects of sorbinil on glomerular structure and function in long-term-diabetic rats. Mauer SM, et al. **Diabetes** 1989 Jul;38(7):839-46

IMIPRAMINE

Imipramine for patients with Alzheimer's disease with and without depression [letter] **Am J Psychiatry** 1989 Jul; 146(7):944-5

Imipramine and alprazolam treatment of lactate-induced acute endogenous distress in nonhuman primates. Sunderland G, et al. **Am J Psychiatry** 1989 Aug; 146(8):1044-7

IMMUNE COMPLEX DISEASE

Proteases and protease inhibitors in immune complex otitis media in chinchillas. Hamaguchi Y, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):563-8

IMMUNE SERA

Immunolocalization of renal mineralocorticoid receptors with an antiserum against a peptide deduced from the complementary deoxyribonucleic acid sequence. Krozowski ZS, et al. **Endocrinology** 1989 Jul;125(1):192-8

Mechanisms maintaining antibody-induced enhancement of allografts. II. Mediation of specific suppression by short lived CD4+ T cells. Pearce NW, et al. **J Immunol** 1989 Jul 15;143(2):499-506

IMMUNE TOLERANCE

Cytomegalovirus infection involving the skin in immunocompromised hosts. A clinicopathologic study. Lee JY. **Am J Clin Pathol** 1989 Jul;92(1):96-100 (29 ref.)

Emergency lung biopsy in immunocompromised pediatric patients. Foglia RP, et al. **Ann Surg** 1989 Jul;210(1):90-2

Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92-5

The immunosuppressive effects of the in vivo administration of endotoxin as influenced by macrophages. Ogle CK, et al. **J Trauma** 1989 Jul;29(7):1015-20

IMMUNITY, CELLULAR

The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. Ferguson TA, et al. **J Immunol** 1989 Aug 1;143(3):821-6

IMMUNITY, NATURAL

Significance of the recognition of certain antigenic regions on the human thyroglobulin molecule by natural autoantibodies from healthy subjects. Bouanani M, et al. **J Immunol** 1989 Aug 15;143(4):1129-32

IMMUNIZATION

General recommendations on immunization. Guidelines from the Immunization Practices Advisory Committee. Centers for Disease Control. **Ann Intern Med** 1989 Jul 15; 111(2):133-42

From the Centers for Disease Control. General recommendations on immunization. **JAMA** 1989 Jul 14; 262(2):187-91

From the Centers for Disease Control. General recommendations on immunization. **JAMA** 1989 Jul 21; 262(3):339-40

Adverse reactions and serologic response to a booster dose of acellular pertussis vaccine in children immunized with acellular or whole-cell vaccine as infants. Blennow M, et al. **Pediatrics** 1989 Jul;84(1):62-7

IMMUNIZATION, PASSIVE

Opsonic activity in serum from septic infants treated with intravenous immunoglobulin. Maródi L, et al. **Arch Dis Child** 1989 Apr;64(4):530-4

Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Hwang JJ, et al. **Endocrinology** 1989 Jul; 125(1):260-6

The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. Ferguson TA, et al. **J Immunol** 1989 Aug 1;143(3):821-6

The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. Katz JD, et al. **J Immunol** 1989 Aug 15;143(4):1387-95

Lymphocytes generated by in vivo priming and in vitro sensitization demonstrate therapeutic efficacy against a murine tumor that lacks apparent immunogenicity. Shu SY, et al. **J Immunol** 1989 Jul 15;143(2):740-8

Effect of intravenously administered immune globulin on functional antibody to herpes simplex virus in low birth weight neonates. Kohl S, et al. **J Pediatr** 1989 Jul; 115(1):135-9

Post-exposure prophylaxis for hepatitis B: active or passive? Iwarson S. **Lancet** 1989 Jul 15;2(8655):146-8 (13 ref.)

IMMUNIZATION, SECONDARY

Measles revaccination. **Med Lett Drugs Ther** 1989 Jul 28; 31(797):69-70

Adverse reactions and serologic response to a booster dose of acellular pertussis vaccine in children immunized with acellular or whole-cell vaccine as infants. Blennow M, et al. **Pediatrics** 1989 Jul;84(1):62-7

IMMUNOBLASTIC LYMPHADENOPATHY

Danazol in treatment of angio-immunoblastic lymphadenopathy. Banavali SD, et al. **Cancer** 1989 Aug 1;64(3):613-5

Angioimmunoblastic lymphadenopathy associated with thyroid disease [letter] Ambepitiya GB. **J Clin Pathol** 1989 Jun;42(6):668-9

IMMUNOENZYME TECHNICS

Sensitivity and detection efficiency of the peroxidase antiperoxidase (PAP), avidin-biotin peroxidase complex (ABC), and peroxidase-labeled avidin-biotin (LAB) methods. Elias JM, et al. **Am J Clin Pathol** 1989 Jul; 92(1):62-7

Enzyme immunoassay compared with cell culture and immunofluorescence for detecting genital chlamydia. Mumtaz G, et al. **J Clin Pathol** 1989 Jun;42(6):658-60

IMMUNOGLOBULIN CONSTANT REGION

The Fc binding site for streptococcal protein G is in the C gamma 2-C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. **J Immunol** 1989 Jul 15;143(2):565-70

IMMUNOGLOBULIN IDIOTYPES

Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. Chen JJ, et al. **J Immunol** 1989 Aug 1; 143(3):1053-7

IMMUNOGLOBULIN JOINING REGION

A novel VHDJH to JH joining that induces H chain production in an Ig-null immature B cell line. Komori T, et al. **J Immunol** 1989 Aug 1;143(3):1040-5

IMMUNOGLOBULIN VARIABLE REGION

Analysis of variable region genes encoding a human anti-DNA antibody of normal origin. Implications for the molecular basis of human autoimmune responses. Cairns E, et al. **J Immunol** 1989 Jul 15;143(2):685-91

Absence of Ig V region gene somatic hypermutation in advanced Burkitt's lymphoma. Carroll WL, et al. **J Immunol** 1989 Jul 15;143(2):692-8

Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6-specific proliferative stimulus in Mlsa mice. Howe RC, et al. **J Immunol** 1989 Aug 1;143(3):793-7

The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. Katz JD, et al. **J Immunol** 1989 Aug 15;143(4):1387-95

A novel VHDJH to JH joining that induces H chain production in an Ig-null immature B cell line. Komori T, et al. **J Immunol** 1989 Aug 1;143(3):1040-5

Characterization of allelic V kappa-1 region genes in inbred strains of mice. Ng KH, et al. **J Immunol** 1989 Jul 15; 143(2):638-48

Ig V region gene expression in small lymphocytic lymphoma with little or no somatic hypermutation. Pratt LF, et al. **J Immunol** 1989 Jul 15;143(2):699-705

Polymorphisms in human H chain V region genes from the VHIII gene family. Souroujon MC, et al. **J Immunol** 1989 Jul 15;143(2):706-11

IMMUNOGLOBULINS

Reconsideration of IgM-enriched intravenous immunoglobulin for neonatal sepsis [letter] Hall SL. **Am J Dis Child** 1989 Jul;143(7):766

IMMUNOGLOBULINS, HEAVY CHAIN

Mutations of the mouse mu H chain which prevent polymer assembly. Davis AC, et al. **J Immunol** 1989 Aug 15; 143(4):1352-7

A novel VHDJH to JH joining that induces H chain production in an Ig-null immature B cell line. Komori T, et al. **J Immunol** 1989 Aug 1;143(3):1040-5

Polymorphisms in human H chain V region genes from the VHIII gene family. Souroujon MC, et al. **J Immunol** 1989 Jul 15;143(2):706-11

IMMUNOGLOBULINS, KAPPA CHAIN

Characterization of allelic V kappa-1 region genes in inbred strains of mice. Ng KH, et al. **J Immunol** 1989 Jul 15; 143(2):638-48

Relative diagnostic value of cerebrospinal fluid kappa chains in MS: comparison with other immunoglobulin tests. Rudick RA, et al. **Neurology** 1989 Jul;39(7):964-8

IMMUNOGLOBULINS, MU CHAIN

Mutations of the mouse mu H chain which prevent polymer assembly. Davis AC, et al. **J Immunol** 1989 Aug 15; 143(4):1352-7

Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. Weiss EA, et al. **J Immunol** 1989 Aug 1;143(3):1046-52

IMMUNOGLOBULINS, SURFACE

Correlation of clinical outcome with the degree of surface immunoglobulin (sIg) expression in B-cell chronic lymphocytic leukemia. Tefferi A, et al. **Am J Clin Pathol** 1989 Jul;92(1):82-5

Production of multiple lymphokines by the A20.1 B cell lymphoma after cross-linking of membrane Ig by immobilized anti-Ig. Justement LB, et al. **J Immunol** 1989 Aug 1;143(3):881-9

Cholera toxin-sensitive and insensitive signaling via surface Ig. Warner GL, et al. **J Immunol** 1989 Jul 15;143(2):458-63

IMMUNOLOGIC DEFICIENCY SYNDROMES

Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. **J Immunol** 1989 Aug 15;143(4):1087-93

Activation of T lymphocytes through the Ly-6 pathway is defective in A strain mice. Malek TR, et al. **J Immunol** 1989 Jul 15;143(2):439-45

Functional and phenotypic alterations in T cell subsets during the course of MAIDS, a murine retrovirus-induced immunodeficiency syndrome. Morse HC 3d, et al. **J Immunol** 1989 Aug 1;143(3):844-50

Biotinidase deficiency associated with severe combined immunodeficiency [letter] Hurvitz H, et al. **Lancet** 1989 Jul 22;2(8656):228-9

Novel T-lymphocyte population in combined immunodeficiency with features of graft-versus-host disease. Wirt DP, et al. **N Engl J Med** 1989 Aug 10; 321(6):370-4

Progress in the classification of severe combined immunodeficiency [letter] Regueiro JR, et al. **Pediatrics** 1989 Jul;84(1):196-7

IMMUNOPROLIFERATIVE SMALL INTESTINAL DISEASE

Immunoproliferative small bowel disease [letter] Manousos O, et al. **Gastroenterology** 1989 Aug;97(2):556-7

IMMUNOSUPPRESSION

Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. Shau HY, et al. **J Immunol** 1989 Aug 1;143(3):1066-72

IMMUNOSUPPRESSIVE AGENTS

Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. **J Immunol** 1989 Jul 15;143(2):403-6

Monocyte suppressor factor is plasminogen activator inhibitor inhibition of membrane bound but not soluble IL-1. Goeken NE, et al. **J Immunol** 1989 Jul 15; 143(2):603-8

Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149-54

Effects of treatment with IL-2 receptor specific monoclonal antibody in mice. Inhibition of cytotoxic T cell responses but not of T help. Leist TP, et al. **J Immunol** 1989 Jul 15;143(2):628-32

Selective abrogation of alloreactivity via priming in the presence of aphidicolin, a specific inhibitor of DNA polymerase. Morecki S, et al. **J Immunol** 1989 Aug 1; 143(3):838-43

Mechanisms maintaining antibody-induced enhancement of allografts. II. Mediation of specific suppression by short lived CD4+ T cells. Pearce NW, et al. **J Immunol** 1989 Jul 15;143(2):499-506

Prostaglandin E precursor fatty acids inhibit human IL-2 production by a prostaglandin E-independent mechanism. Santoli D, et al. **J Immunol** 1989 Aug 15;143(4):1303-9

The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. Tocci MJ, et al. **J Immunol** 1989 Jul 15;143(2):718-26

Immunological treatment for multiple sclerosis [letter] **Lancet** 1989 Jul 8;2(8654):100-1

Rapamycin for immunosuppression in organ allografting [letter] Calne RY, et al. **Lancet** 1989 Jul 22;2(8656):227

Immunosuppressive treatment of multiple sclerosis. Carter JL, et al. **Mayo Clin Proc** 1989 Jun;64(6):664-9 (47 ref.)

IMMUNOTHERAPY

Adjuvant therapy for non-small cell lung cancer. Evans WK. **Chest** 1989 Jul;96(1 Suppl):87S-91S (29 ref.)

Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. Chen JJ, et al. **J Immunol** 1989 Aug 1; 143(3):1053-7

Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. Iizumi T, et al. **J Urol** 1989 Aug; 142(2):386-9

IMPLANTS, ARTIFICIAL

Percutaneous catheter closure of the ductus arteriosus in children and young adults. Ali Khan MA, et al. **Am J Cardiol** 1989 Jul 15;64(3):218-21

Reemployment following implantation of the automatic cardioverter defibrillator. Kalbfleisch KR, et al. **Am J Cardiol** 1989 Jul 15;64(3):199-202

Complications associated with the new smaller size freeman punctal plug. Case report. Maguire LJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):961-2

Submalar augmentation. An alternative to face-lift surgery. Binder WJ. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):797-801

Use of injectable cultured human fibroblasts for percutaneous tissue implantation. An experimental study. Remmler D, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):837-44

The effect of silicon nitride ceramic on rabbit skeletal cells and tissue. An in vitro and in vivo investigation. Howlett CR, et al. **Clin Orthop** 1989 Jul;(244):293-304

Instrumented measurements of laxity in patients who have a Gore-Tex anterior cruciate-ligament substitute. Markolf KL, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):887-93

Vicryl (polyglactin 910) mesh as a dural substitute in the presence of pia arachnoid injury. Nussbaum CE, et al. **J Neurosurg** 1989 Jul;71(1):124-7

Open versus endoscopic surgery in the treatment of vesicoureteral reflux. Brown S. **J Urol** 1989 Aug;142(2 Pt 2):499-500; discussion 501

High failure rate of indwelling ureteral stents in patients with extrinsic obstruction: experience at 2 institutions. Docimo SG, et al. **J Urol** 1989 Aug;142(2):277-9

Compatibility of enterocystoplasty and the artificial urinary sphincter. Gonzalez R, et al. **J Urol** 1989 Aug;142(2 Pt 2):502-4; discussion 520-1

The artificial sphincter AS800 in congenital urinary incontinence. Gonzalez R, et al. **J Urol** 1989 Aug;142(2 Pt 2):512-5; discussion 520-1

Management of urinary incontinence after prostatectomy with the artificial urinary sphincter. Marks JL, et al. **J Urol** 1989 Aug;142(2):302-4

Augmentation cystoplasty and the artificial genitourinary sphincter. Strawbridge LR, et al. **J Urol** 1989 Aug;142(2):297-301

A composite fixation principle for modular segmental defect replacement (SDR) prostheses. Chao EY. **Orthop Clin North Am** 1989 Jul;20(3):439-53

Abdominal wall expansion in congenital defects. Byrd HS, et al. **Plast Reconstr Surg** 1989 Aug;84(2):347-52

The rate of vascularization of coralline hydroxyapatite. Grenga TE, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):245-9

Effect of capsulectomy on the hemodynamics and viability of random-pattern skin flaps raised on expanded skin in the pig. Morris SF, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):314-22; discussion 323-4

Porous hydroxyapatite as an onlay bone-graft substitute for maxillofacial surgery. Salyer KE, et al. **Plast Reconstr Surg** 1989 Aug;84(2):236-44

Tissue expander tube exteriorization using a stylet [letter] Sharpe DT, et al. **Plast Reconstr Surg** 1989 Aug;84(2):363

Gianturco expandable metallic biliary stents: results of a European clinical trial. Irving JD, et al. **Radiology** 1989 Aug;172(2):321-6

IMPOTENCE

Microsurgical penile revascularization using the central corporeal penile artery. Konnak JW, et al. **J Urol** 1989 Aug;142(2):305-8

Penile venous surgery. Lue TF. **Urol Clin North Am** 1989 Aug;16(3):607-11

INDIANS, NORTH AMERICAN

Predicting and fostering success of American Indians in medical school. Kerbeshian LA. **Acad Med** 1989 Jul; 64(7):396-400

Native Americans in medicine: the need for Indian healers. Prieto DO. **Acad Med** 1989 Jul;64(7):388-9

A practice profile of native American physicians. Taylor TL. **Acad Med** 1989 Jul;64(7):393-6

Injuries to children in a Native American community. Berger LR, et al. **Pediatrics** 1989 Jul;84(1):152-6

Injury mortality in New Mexico's American Indians, Hispanics, and non-Hispanic whites, 1958 to 1982. Sewell CM, et al. **West J Med** 1989 Jun;150(6):708-13

Prevalence of gestational diabetes in a Navajo Indian community. Sugarman JR. **West J Med** 1989 May; 150(5):548-51

INDIUM RADIOISOTOPES

Predictive value of indium-111 antimyosin uptake for improvement of left ventricular wall motion after thrombolysis in acute myocardial infarction. van Vlies B, et al. **Am J Cardiol** 1989 Jul 15;64(3):167-71

INDIVIDUALITY

Individual differences in locus of control during the second half of the life span for identical and fraternal twins reared apart and reared together. Pedersen NL, et al. **J Gerontol** 1989 Jul;44(4):P100-5

INDOLEACETIC ACIDS

Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329-32

INDOLES

Potential toxic interactions of cocaine and mazindol [letter] Iaffe JH, et al. **Lancet** 1989 Jul 8;2(8654):111

INDOMETHACIN

Treatment of scleritis with combined oral prednisone and indomethacin therapy [letter] Lightman S, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):95

A study of tolerance to the psychomotor effects of indomethacin in healthy volunteers. Pullar T, et al. **Br J Rheumatol** 1989 Aug;28(4):317-9

Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Stein BE, et al. **Gastroenterology** 1989 Aug;97(2):278-83

Bilateral adrenalectomy worsens gastric mucosal lesions induced by indomethacin in the rat. Role of enhanced gastric motility. Takeuchi K, et al. **Gastroenterology** 1989 Aug;97(2):284-93

INDUSTRY

Two episodes of acute illness in a machine shop. Sinks T, et al. **Am J Public Health** 1989 Aug;79(8):1024-8

Mortality rates among employees potentially exposed to chrysotile asbestos at two automotive parts factories. Finkelstein MM. **Can Med Assoc J** 1989 Jul 15; 141(2):125-30

A piece of my mind. Savannah River Parkway. Goldstein AO. **JAMA** 1989 Aug 4;262(5):686

Tobacco and the Karolinska [letter] Holm LE. **Lancet** 1989 Jul 8;2(8654):106-7

INFANT CARE

Neonatal mortality in normal birth weight babies: does the level of hospital care make a difference? Berg CJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):86-91

Posturination time and specific gravity in infants' diapers. Stebor AD. **Nurs Res** 1989 Jul-Aug;38(4):244-5

Near fatal aspiration of a candy pacifier. Ramsey KP, et al. **Pediatrics** 1989 Jul;84(1):126-7

INFANT EQUIPMENT

Cervical spine fractures sustained by young children in forward-facing car seats. Fuchs S, et al. **Pediatrics** 1989 Aug;84(2):348-54

INFANT FOOD

Manganese absorption from human milk, cow's milk, and infant formulas in humans. Davidsson L, et al. **Am J Dis Child** 1989 Jul;143(7):823-7

Are babies more satisfied by casein based formulas? Taitz LS, et al. **Arch Dis Child** 1989 Apr;64(4):619-21

Learning disabilities as a probable consequence of using chloride-deficient infant formula. Silver LB, et al. **J Pediatr** 1989 Jul;115(1):97-9

INFANT, LOW BIRTH WEIGHT

Assessment of neurodevelopmental outcome in surfactant-replacement therapy [letter] Langkamp D. **Am J Dis Child** 1989 Jul;143(7):762-3

Effect of birth weight, race, and sex on survival of low-birth-weight infants in neonatal intensive care. Resnick MB, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):184-7

Cranial ultrasound assessment of gestational age in low birthweight infants. Murphy NP, et al. **Arch Dis Child** 1989 Apr;64(4):569-72

Very-low-birth-weight, preterm infants with or without intracranial hemorrhage. Neurologic, cognitive and cranial MRI correlations at 4-8-year follow-up. Ford LM, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):302-10

Risk factors for chronic lung disease in infants with birth weights of 751 to 1000 grams. Kraybill EN, et al. **J Pediatr** 1989 Jul;115(1):115-20

Preventing transfusion-acquired cytomegalovirus infection in infants [letter] **Lancet** 1989 Jul 15;2(8655):160-1

Passive smoking and low birthweight [letter] Chen Y, et al. **Lancet** 1989 Jul 1;2(8653):54-5

Very low birth-weight infants: parental visiting and telephoning during initial infant hospitalization. Brown LP, et al. **Nurs Res** 1989 Jul-Aug;38(4):233-6

Infant mortality among moderately low birth weight infants in Alabama, 1980 to 1983. Hale CB, et al. **Pediatrics** 1989 Aug;84(2):285-9

Infectious disease-related deaths of low birth weight infants, United States, 1968 to 1982. Jason JM. **Pediatrics** 1989 Aug; 84(2):296-303

Neonatal intensive care admissions: changing profile in Georgia, 1974 to 1982. Floyd RL, et al. **South Med J** 1989 Jul;82(7):880-4

INFANT MORTALITY

Neonatal mortality in normal birth weight babies: does the level of hospital care make a difference? Berg CJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):86-91

Effect of birth weight, race, and sex on survival of low-birth-weight infants in neonatal intensive care. Resnick MB, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):184-7

Preterm delivery: can we lower the black infant's first hurdle? [editorial] Hogue CJ, et al. **JAMA** 1989 Jul 28; 262(4):548-50

Lessons from history—maternal and infant mortality [editorial] **Lancet** 1989 Jul 15;2(8655):140

Mortality rates [letter] Babson SG. **Pediatrics** 1989 Aug; 84(2):402-3

Infant mortality among moderately low birth weight infants in Alabama, 1980 to 1983. Hale CB, et al. **Pediatrics** 1989 Aug;84(2):285-9

Infectious disease-related deaths of low birth weight infants, United States, 1968 to 1982. Jason JM. **Pediatrics** 1989 Aug; 84(2):296-303

INFANT, NEWBORN

Doppler echocardiographic assessment of shunting via the ductus arteriosus in newborn infants. Milne MJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):102-5

Urine drug screening in mothers and newborns. Osterloh JD, et al. **Am J Dis Child** 1989 Jul;143(7):791-3

Acid-base status at birth and neurodevelopmental outcome at four and one-half years. Dennis J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):213-20

Individual growth curve standards in twins: prediction of third-trimester growth and birth characteristics. Stefos T, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):179-83

The pupils of term and preterm infants. Isenberg SJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):75-9

Newborn splenic volumes vary under different malaria endemic conditions. Corkill JA, et al. **Arch Dis Child** 1989 Apr;64(4):541-5

Sex ratio in singleton and multiple births after infertility treatment [letter] Murphy M, et al. **Lancet** 1989 Jul 22; 2(8656):215

New fathers' blood pressure and heart rate: relationships to interaction with their newborn infants. Jones LC, et al. **Nurs Res** 1989 Jul-Aug;38(4):237-41

INFANT, NEWBORN, DISEASES

Oxytocin may explain neonatal seizures [letter] Goodlin RC. **Am J Obstet Gynecol** 1989 Jul;161(1):259

Revising diagnosis-related groups for neonates. Lichtig LK, et al. **Pediatrics** 1989 Jul;84(1):49-61

INFANT NUTRITION

Are babies more satisfied by casein based formulas? Taitz LS, et al. **Arch Dis Child** 1989 Apr;64(4):619-21

INFANT, PREMATURE

Prematurity among insulin-requiring diabetic gravid women. Greene MF, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):106-11

The pupils of term and preterm infants. Isenberg SJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):75-9

Does dexamethasone suppress the ACTH response in preterm babies? Rennie JM, et al. **Arch Dis Child** 1989 Apr; 64(4):612-3

Pulmonary function in preterm infants whose lungs were ventilated conventionally or by high-frequency oscillation. Gerhardt T, et al. **J Pediatr** 1989 Jul;115(1):121-6

Prevention of palatal groove formation in premature neonates requiring intubation. Ginoza G, et al. **J Pediatr** 1989 Jul; 115(1):133-5

Follow-up of premature infants of low socioeconomic status. Zahr L, et al. **Nurs Res** 1989 Jul-Aug;38(4):246-7

Umbilical artery acid-base status in the preterm infant. Ramin SM, et al. **Obstet Gynecol** 1989 Aug;74(2):256-8

Etiology and pathogenesis of intraventricular hemorrhage in newborns. Pape KE. **Pediatrics** 1989 Aug;84(2):382-5

INFANT, PREMATURE, DISEASES

Edward B. Neuhauser lecture. Current concepts of brain injury in the premature infant. Volpe JJ. **AJR Am J Roentgenol** 1989 Aug;153(2):243-51

Spinal anaesthesia in infants born prematurely. Gallagher TM, et al. **Anaesthesia** 1989 May;44(5):434-6

Echovirus 6 encephalitis in a preterm baby [letter] Blokziji ML, et al. **Lancet** 1989 Jul 15;2(8655):164-5

INFANT, SMALL FOR GESTATIONAL AGE

Second-generation consequences of small-for-dates birth. Klebanoff MA, et al. **Pediatrics** 1989 Aug;84(2):343-7

INFARCTION

Focal renal infarction after retroperitoneal lymph-node dissection: CT diagnosis. Zissin R, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):325-6

INFECTION

Central catheter infection: single-versus triple-lumen catheters [letter] Sherman RA. **Am J Med** 1989 Jul; 87(1):2-3

Estimating mortality risk in preoperative patients using immunologic, nutritional, and acute-phase response variables. Christou NV, et al. **Ann Surg** 1989 Jul; 210(1):69-77

Ultrasound imaging of residual limbs: new use for an old technique. Hurvitz EA, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):556-8

Risk factors associated with intravascular catheter infections in burned patients: a prospective, randomized study. Franceschi D, et al. **J Trauma** 1989 Jun;29(6):811-6

Relationship of transfusion and infection in a burn population. Graves TA, et al. **J Trauma** 1989 Jul;29(7):948-52; discussion 952-4

Infectious disease-related deaths of low birth weight infants, United States, 1968 to 1982. Jason JM. **Pediatrics** 1989 Aug; 84(2):296-303

Incorporation versus infection of retroperitoneal aortic grafts: MR imaging features. Auffermann W, et al. **Radiology** 1989 Aug;172(2):359-62

Pulmonary infection after cardiac transplantation: clinical and radiologic correlations. Austin JH, et al. **Radiology** 1989 Jul;172(1):259-65

INFECTIOUS MONONUCLEOSIS

Infectious mononucleosis complicated by necrotizing epiglottitis, dysphagia, and pneumonia. Biem J, et al. **Chest** 1989 Jul;96(1):204-5

Characterization of the T cell-mediated cellular cytotoxicity during acute infectious mononucleosis. Tomkinson BE, et al. **J Immunol** 1989 Jul 15;143(2):660-70

Chronic fatigue syndrome. A critical appraisal of the role of Epstein-Barr virus. Koo D. **West J Med** 1989 May; 150(5):590-6 (44 ref.)

INFERTILITY, FEMALE

The importance of ultrasonography in infertile women with "forgotten" intrauterine contraceptive devices. Ron-El R, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):211-2

Sex ratio in singleton and multiple births after infertility treatment [letter] Murphy M, et al. **Lancet** 1989 Jul 22; 2(8656):215

INFERTILITY, MALE

Cryptorchidism, orchiopexy and infertility: a critical long-term retrospective analysis. Cendron M, et al. **J Urol** 1989 Aug;142(2 Pt 2):559-62; discussion 572

INFLAMMATORY BOWEL DISEASES

Recording growth and development in children with inflammatory bowel disease [letter] Evans M, et al. **BMJ** 1989 May 13;298(6683):1312-3

Inflammatory bowel disease. Van Rosendaal GM. **Can Med Assoc J** 1989 Jul 15;141(2):113-23; discussion 123-4 (220 ref.)

Prothrombotic abnormalities in inflammatory bowel disease. Conlan MG, et al. **Dig Dis Sci** 1989 Jul;34(7):1089-93

Early cervical cancer coexistent with idiopathic inflammatory bowel disease. Hoffman M, et al. **South Med J** 1989 Jul;82(7):905-6

INFLUENZA

Influenza in children with cancer. Kempe A, et al. **J Pediatr** 1989 Jul;115(1):33-9

Fatal rhabdomyolysis following influenza infection in a girl with familial carnitine palmityl transferase deficiency. Kelly KJ, et al. **Pediatrics** 1989 Aug;84(2):312-6

INFLUENZA VACCINE

The influence of HIV infection on antibody responses to a two-dose regimen of influenza vaccine. Miotti PG, et al. **JAMA** 1989 Aug 11;262(6):779-83

INFORMATION SERVICES

AIDS clinical trials information service [news] **Am Fam Physician** 1989 Jul;40(1):280

Chelation therapy and Uncle John [letter] Harris LK. **Can Med Assoc J** 1989 Jul 15;141(2):98

INFORMATION SYSTEMS

Databases for health care outcomes. **Lancet** 1989 Jul 22; 2(8656):195–6 (18 ref.)
How to use nursing information sources. Saba VK, et al. **Nurs Outlook** 1989 Jul–Aug;37(4):189–95

INFORMED CONSENT

Informed consent and tardive dyskinesia. Kleinman I, et al. **Am J Psychiatry** 1989 Jul;146(7):902–4
Anxiety and informed consent [letter] Baczkowski AJ. **Anaesthesia** 1989 May;44(5):446
Children as decision makers: guidelines for pediatricians. King NM, et al. **J Pediatr** 1989 Jul;115(1):10–6
Informed consent in emergency research. Prehospital thrombolytic therapy for acute myocardial infarction. Grim PS, et al. **JAMA** 1989 Jul 14;262(2):252–5
Informed consent and 25% risk of paralysis. Brahams D. **Lancet** 1989 Jul 1;2(8653):57–8
American Academy of Pediatrics Committee on Adolescence, Committee on Bioethics, and Provisional Committee on Substance Abuse: Screening for drugs of abuse in children and adolescents. **Pediatrics** 1989 Aug; 84(2):396–8

INFUSION PUMPS

Closed intravenous administration of gonadotropin-releasing hormone: safety of extended peripheral intravenous catheterization. Hopkins CC, et al. **Obstet Gynecol** 1989 Aug;74(2):267–70

INFUSIONS, INTRA-ARTERIAL

Regional infusion of urokinase into occluded lower-extremity bypass grafts: long-term clinical results. Durham JD, et al. **Radiology** 1989 Jul;172(1):83–7

INFUSIONS, INTRAVENOUS

Development of an in vivo model for assessment of drug-induced vascular injury. Johnson JV, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):819–22

INFUSIONS, PARENTERAL

Prehospital intraosseous infusion by emergency medical services personnel: a prospective study. Seigler RS, et al. **Pediatrics** 1989 Jul;84(1):173–7
Intraperitoneal chemotherapy complicated by erosion of a Tenckhoff catheter into the colon. Holt RW, et al. **South Med J** 1989 Jul;82(7):914–6

INHIBIN

Circulating inhibin alpha concentrations in infant, prepubertal, and adult male rhesus monkeys (Macaca mulatta) and in juvenile males during premature initiation of puberty with pulsatile gonadotropin-releasing hormone treatment. Abeyawardene SA, et al. **Endocrinology** 1989 Jul;125(1):250–6
The involvement of Leydig cells in the regulation of inhibin secretion by the testis. Drummond AE, et al. **Endocrinology** 1989 Jul;125(1):510–5
Immunoneutralization of endogenous inhibin modifies hormone secretion and ovulation rate in the rat. Rivier C, et al. **Endocrinology** 1989 Jul;125(1):152–7

INJECTIONS, SPINAL

Perceived dangers from intraspinal steroid injections [letter] Abram SE. **Arch Neurol** 1989 Jul;46(7):719–21
Dangers from methylprednisolone acetate therapy by intraspinal injection [letter] Wilkinson H. **Arch Neurol** 1989 Jul;46(7):721–2

INSECT BITES AND STINGS

Epidemiology of insect venom sensitivity. Golden DB, et al. **JAMA** 1989 Jul 14;262(2):240–4
Hypersensitivity to insect stings [letter] Yunginger JW. **Mayo Clin Proc** 1989 Jun;64(6):728–9

INSECTICIDES

"Miraculous insecticide chalk"—An unregistered household insecticide [letter] Kizer KW, et al. **West J Med** 1989 Jun; 150(6):698

INSEMINATION, ARTIFICIAL

The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. Hellstrom WJ, et al. **J Urol** 1989 Aug;142(2):309–12

INSOMNIA

The effects of relaxation training on clinical symptoms: a meta-analysis. Hyman RB, et al. **Nurs Res** 1989 Jul–Aug; 38(4):216–20

INSTITUTIONAL PRACTICE

Medical practice in organized settings. Redefining medical autonomy. Astrachan JH, et al. **Arch Intern Med** 1989 Jul; 149(7):1509–13

INSULIN

Management of diabetes mellitus. Johnston DI. **Arch Dis Child** 1989 Apr;64(4):622–8 (28 ref.)
Differences in humoral insulin-antibody response among inbred Lou/M rats and epitope presentation differences in ELISA and radioimmune titration. Arquilla ER, et al. **Diabetes** 1989 Jul;38(7):868–73
Indirect effect of catecholamines on development of insulin resistance in skeletal muscle from diabetic rats. Boström M, et al. **Diabetes** 1989 Jul;38(7):906–10
Decreased insulin- and glucagon-pulse amplitude accompanying beta-cell deficiency induced by streptozocin in baboons. Goodner CJ, et al. **Diabetes** 1989 Jul; 38(7):925–31
Insulin and glucagon secretion after pancreatectomies. Correlation of secretion and hormonal contents of remaining pancreas. Gotoh M, et al. **Diabetes** 1989 Jul; 38(7):861–7
Glucagonostatic and insulinotropic action of glucagonlike peptide I-(7-36)-amide. Komatsu R, et al. **Diabetes** 1989 Jul;38(7):902–5
Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. Chipkin SR, et al. **Endocrinology** 1989 Jul;125(1):450–8
Isolation and characterization of two different insulins from an amphibian, Xenopus laevis. Shuldiner AR, et al. **Endocrinology** 1989 Jul;125(1):469–77
Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314–20
Phosphoinositide hydrolysis and insulin secretion in response to glucose stimulation are impaired in isolated rat islets by prolonged exposure to the sulfonylurea tolbutamide. Zawalich WS. **Endocrinology** 1989 Jul;125(1):281–6
Coordinate regulation of glucose transporter function, number, and gene expression by insulin and sulfonylureas in L6 rat skeletal muscle cells. Wang PH, et al. **J Clin Invest** 1989 Jul;84(1):62–7
Effects of aging and exercise on insulin action in rat adipocytes are correlated with changes in fat cell volume. Lawrence JC Jr, et al. **J Gerontol** 1989 Jul;44(4):B88–92
Induction of endocrine cell differentiation: a new approach to management of diabetes. Rosenberg L, et al. **J Lab Clin Med** 1989 Jul;114(1):75–83
The physiologic replacement of insulin. An elusive goal. Zinman B. **N Engl J Med** 1989 Aug 10;321(6):363–70 (90 ref.)
Insulin-dependent and insulin-independent effects after surgical alterations of the pancreas. Krusch DA, et al. **Surgery** 1989 Jul;106(1):60–8

INSULIN ANTIBODIES

Insulin autoantibodies as markers of potential diabetes mellitus [letter] Betterle C, et al. **Lancet** 1989 Jul 22; 2(8656):223–4

INSULIN RESISTANCE

Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. Pollare T, et al. **BMJ** 1989 Apr 29; 298(6681):1152–7
Indirect effect of catecholamines on development of insulin resistance in skeletal muscle from diabetic rats. Boström M, et al. **Diabetes** 1989 Jul;38(7):906–10
Glucose and free fatty acid metabolism in non-insulin-dependent diabetes mellitus. Evidence for multiple sites of insulin resistance. Groop LC, et al. **J Clin Invest** 1989 Jul;84(1):205–13

INSURANCE, HEALTH

Formphobia [letter] Dauber LG, et al. **JAMA** 1989 Jul 28; 262(4):500
What should be done about the uninsured poor? [letter] Navarro V. **JAMA** 1989 Jul 14;262(2):209–10
Health insurance mess [letter] Bodenheimer TS. **Postgrad Med** 1989 Jul;86(1):33

INSURANCE, LIABILITY

Medical defence peace [editorial] Smith T. **BMJ** 1989 Apr 29;298(6681):1130
Anesthesia: standards of care and liability [letter] Pierce EC Jr. **JAMA** 1989 Aug 11;262(6):773
Professional liability coverage for residents [letter] Cohn B. **Pediatrics** 1989 Jul;84(1):195–6

INSURANCE, MAJOR MEDICAL

Physicians affected by Medicare Catastrophic Coverage Act. al-Assaf AF, et al. **South Med J** 1989 Jul;82(7):853–6

INTELLIGENCE

Fall in association of height with intelligence and educational level. Teasdale TW, et al. **BMJ** 1989 May 13; 298(6683):1292–3

INTENSIVE CARE UNITS

Intensive care in the United Kingdom: report from the King's Fund panel. **Anaesthesia** 1989 May;44(5):428–31
The outcome index. A method of quality assurance in the special care area. McFee AS, et al. **Arch Surg** 1989 Jul; 124(7):825–9
Nutritional support in the critical care setting (Part 1). Berger R, et al. **Chest** 1989 Jul;96(1):139–50 (223 ref.)
Effect on ICU mortality of a full-time critical care specialist. Brown JJ, et al. **Chest** 1989 Jul;96(1):127–9
Medical indications for tracheotomy. Heffner JE. **Chest** 1989 Jul;96(1):186–90 (6 ref.)
Regionalized intensive care units and Medicare: ethics, public policy, and outcome research [editorial] Rie MA. **Crit Care Med** 1989 Jul;17(7):704–5
Intensive care unit use and collaboration between nurses and physicians. Baggs JG. **Heart Lung** 1989 Jul;18(4):332–8
Head injury mortality in two centers with different emergency medical services and intensive care. Colohan AR, et al. **J Neurosurg** 1989 Aug;71(2):202–7
Individual outcome prediction models for intensive care units. Chang RW. **Lancet** 1989 Jul 15;2(8655):143–6

INTENSIVE CARE UNITS, NEONATAL

Effect of birth weight, race, and sex on survival of low-birth-weight infants in neonatal intensive care. Resnick MB, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):184–7
Neonatal intensive care admissions: changing profile in Georgia, 1974 to 1982. Floyd RL, et al. **South Med J** 1989 Jul;82(7):880–4

INTERFERON ALFA, RECOMBINANT

Severe neuropathy associated with low-dose recombinant interferon-alpha. Gastineau DA, et al. **Am J Med** 1989 Jul;87(1):116
Alpha-interferon for severe cold agglutinin disease. O'Connor BM, et al. **Ann Intern Med** 1989 Aug 1; 111(3):255–6
Recombinant beta-serine-interferon in hairy cell leukemia compared prospectively with results with recombinant alpha-interferon. Glaspy JA, et al. **Cancer** 1989 Jul 15; 64(2):409–13
Is there a direct differentiation-inducing effect of human recombinant interferon on hairy cell leukemia in vitro? Gressler VH, et al. **Cancer** 1989 Jul 15;64(2):374–8
Antibodies against a peptide representative of a conserved region of human IFN-alpha. Differential effects on the antiviral and antiproliferative effects of IFN. Barasoain I, et al. **J Immunol** 1989 Jul 15;143(2):507–12
Phase II study of recombinant interferon alpha-2a and vinblastine in advanced renal cell carcinoma. Schornagel JH, et al. **J Urol** 1989 Aug;142(2):253–6

INTERFERON GAMMA, RECOMBINANT

Intralesional tumour necrosis factor combined with interferon gamma in metastatic melanoma. Retsas S, et al. **BMJ** 1989 May 13;298(6683):1290–1
Is there a direct differentiation-inducing effect of human recombinant interferon on hairy cell leukemia in vitro? Gressler VH, et al. **Cancer** 1989 Jul 15;64(2):374–8
Induction of cell surface expression of HLA antigens by human IFN-gamma encoded by recombinant vaccinia virus. Kohonen-Corish MR, et al. **J Immunol** 1989 Jul 15; 143(2):623–7
Immune enhancement by tumor necrosis factor-alpha improves antibiotic efficacy after hemorrhagic shock. Livingston DH, et al. **J Trauma** 1989 Jul;29(7):967–70; discussion 970–1

INTERFERON TYPE I

Kaposi sarcoma and alpha-interferon therapy [letter] Krigel RL. **Ann Intern Med** 1989 Jul 15;111(2):185–7

INTERFERON TYPE II

Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Ono SJ, et al. **Diabetes** 1989 Jul;38(7):911–6
Murine natural suppressor cells in the newborn, in bone marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. Maier T, et al. **J Immunol** 1989 Jul 15;143(2):491–8
IL-2 and IFN-gamma are two necessary lymphokines in the development of cytolytic T cells. Maraskovsky E, et al. **J Immunol** 1989 Aug 15;143(4):1210–4

INTERLEUKIN 1

Mediators of inflammation in blister fluids from patients with pemphigus vulgaris and bullous pemphigoid. Grando SA, et al. **Arch Dermatol** 1989 Jul;125(7):925–30

Inhibitory effects of interleukin-1 on luteinizing hormone-stimulated adenosine 3',5'-monophosphate accumulation by cultured porcine granulosa cells. Fukuoka M, et al. **Endocrinology** 1989 Jul;125(1):136–43

Interleukin-1-induced anorexia in the rat. Influence of prostaglandins. Hellerstein MK, et al. **J Clin Invest** 1989 Jul;84(1):228–35

Preincubation of human synovial cells with IL-1 modulates prostaglandin E2 release in response to bradykinin. Bathon JM, et al. **J Immunol** 1989 Jul 15;143(2):579–86

Two distinct affinity binding sites for IL-1 on human cell lines. Bensimon C, et al. **J Immunol** 1989 Aug 15; 143(4):1168–74

Activation of normal human B cells through their antigen receptor induces membrane expression of IL-1 alpha and secretion of IL-1 beta. Bonnefoy JY, et al. **J Immunol** 1989 Aug 1;143(3):864–9

Membrane IL-1: IL-1 alpha precursor binds to the plasma membrane via a lectin-like interaction. Brody DT, et al. **J Immunol** 1989 Aug 15;143(4):1183–7

IL-1 induces high affinity IL-2 receptor expression of CD4-8- thymocytes. Falk W, et al. **J Immunol** 1989 Jul 15;143(2):513–7

Monocyte suppressor factor is plasminogen activator inhibitor inhibition of membrane bound but not soluble IL-1. Goeken NE, et al. **J Immunol** 1989 Jul 15; 143(2):603–8

Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. Kumkumian GK, et al. **J Immunol** 1989 Aug 1;143(3):833–7

Modulation of mRNA levels for urinary- and tissue-type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. Michel JB, et al. **J Immunol** 1989 Aug 1;143(3):890–5

Synergistic interactions of IL-1 and IL-6 in T cell activation. Mitogen but not antigen receptor-induced proliferation of a cloned T helper cell line is enhanced by exogenous IL-6. Mizutani H, et al. **J Immunol** 1989 Aug 1;143(3):896–901

Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. Santamaria P, et al. **J Immunol** 1989 Aug 1; 143(3):913–22

INTERLEUKIN 2

Nonspecific cytotoxicity of recombinant interleukin-2 activated lymphocytes. Bechard DE, et al. **Am J Med Sci** 1989 Jul;298(1):28–33

Interleukin-2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Müller-Quernheim J, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):82–8

Adrenal insufficiency and interleukin-2 therapy [letter] VanderMolen LA, et al. **Ann Intern Med** 1989 Jul 15; 111(2):185

Mediators of inflammation in blister fluids from patients with pemphigus vulgaris and bullous pemphigoid. Grando SA, et al. **Arch Dermatol** 1989 Jul;125(7):925–30

A phase I study of interleukin-2 in children with cancer and evaluation of clinical and immunologic status during therapy. A Pediatric Oncology Group Study. Nasr S, et al. **Cancer** 1989 Aug 15;64(4):783–8

IL-2 regulation of tyrosine kinase activity is mediated through the p70-75 beta-subunit of the IL-2 receptor. Ferris DK, et al. **J Immunol** 1989 Aug 1;143(3):870–6

Induction of endogenous cytokine-mRNA in circulating peripheral blood mononuclear cells by IL-2 administration to cancer patients. Kasid A, et al. **J Immunol** 1989 Jul 15; 143(2):736–9

IL-2 and IFN-gamma are two necessary lymphokines in the development of cytolytic T cells. Maraskovsky E, et al. **J Immunol** 1989 Aug 15;143(4):1210–4

The molecular basis of granuloma formation in schistosomiasis. III. In vivo effects of a T cell-derived suppressor effector factor and IL-2 on granuloma formation. Perrin PJ, et al. **J Immunol** 1989 Jul 15; 143(2):649–54

Prostaglandin E precursor fatty acids inhibit human IL-2 production by a prostaglandin E-independent mechanism. Santoli D, et al. **J Immunol** 1989 Aug 15;143(4):1303–9

Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. Shau HY, et al. **J Immunol** 1989 Aug 1;143(3):1066–72

IL-2, a lectin with specificity for high mannose glycopeptides. Sherblom AP, et al. **J Immunol** 1989 Aug 1;143(3):939–44

The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. Tocci MJ, et al. **J Immunol** 1989 Jul 15;143(2):718–26

Feline cytotoxic large granular lymphocytes induced by recombinant human IL-2. Tompkins MB, et al. **J Immunol** 1989 Jul 15;143(2):749–54

An ongoing in vivo immune response affects the abundancy and differentiation of lymphokine-activated killer cell precursors, but does not influence their broad spectrum target reactivity. Vanhaesebroeck B, et al. **J Immunol** 1989 Aug 15;143(4):1396–402

The effect of intravenous interleukin-2 on brain water content. Saris SC, et al. **J Neurosurg** 1989 Aug;71(2):169–74

INTERLEUKINS

Interleukin-6 stimulates anterior pituitary hormone release in vitro. Spangelo BL, et al. **Endocrinology** 1989 Jul; 125(1):575–7

Interferon beta 2/interleukin 6 modulates synthesis of alpha 1-antitrypsin in human mononuclear phagocytes and in human hepatoma cells. Perlmutter DH, et al. **J Clin Invest** 1989 Jul;84(1):138–44

Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1-28. Brakenhoff JP, et al. **J Immunol** 1989 Aug 15;143(4):1175–82

Evidence for IL-6 production by and effects on the pancreatic beta-cell. Campbell IL, et al. **J Immunol** 1989 Aug 15;143(4):1188–91

Induction of c-fos and c-myc expression during B cell activation by IL-4 and immunoglobulin binding ligands. Klemsz MJ, et al. **J Immunol** 1989 Aug 1;143(3):1032–9

IFN-beta 2/IL-6 augments the activity of human natural killer cells. Luger TA, et al. **J Immunol** 1989 Aug 15; 143(4):1206–9

Synergistic interactions of IL-1 and IL-6 in T cell activation. Mitogen but not antigen receptor-induced proliferation of a cloned T helper cell line is enhanced by exogenous IL-6. Mizutani H, et al. **J Immunol** 1989 Aug 1;143(3):896–901

Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. Mukaida N, et al. **J Immunol** 1989 Aug 15;143(4):1366–71

Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T cell clones isolated in IL-4. Paliard X, et al. **J Immunol** 1989 Jul 15;143(2):452–7

IL-4-responsive human helper T cell clones are resistant to growth inhibition by tumor necrosis factor-alpha. Pawelec GP, et al. **J Immunol** 1989 Aug 1;143(3):902–6

Effect of IL-7 on the growth of fetal thymocytes in culture. Watson JD, et al. **J Immunol** 1989 Aug 15;143(4):1215–22

INTERMITTENT CLAUDICATION

Ticlopidine in the treatment of intermittent claudication: a 21-month double-blind trial. Balsano F, et al. **J Lab Clin Med** 1989 Jul;114(1):84–91

Intermittent claudication and limb-threatening ischemia in systemic lupus erythematosus and in SLE-like disease: a report of two cases and review of the literature. Bakker FC, et al. **Surgery** 1989 Jul;106(1):21–5 (32 ref.)

INTERNAL-EXTERNAL CONTROL

Individual differences in locus of control during the second half of the life span for identical and fraternal twins reared apart and reared together. Pedersen NL, et al. **J Gerontol** 1989 Jul;44(4):P100–5

INTERNAL MAMMARY-CORONARY ARTERY ANASTOMOSIS

Sequential mammary grafting. Clinical, functional, and angiographic assessment 6 months postoperatively in 231 consecutive patients. Dion R, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):80–8; discussion 88–9

INTERNAL MEDICINE

Development of a central division of general internal medicine. Karpf M, et al. **Acad Med** 1989 Jul;64(7):363–71

Using an organizational development strategy to improve residency training. Leider H, et al. **Acad Med** 1989 Jul; 64(7):415–6

First American Board of Internal Medicine critical care examination: process and results. Norcini JJ, et al. **Crit Care Med** 1989 Jul;17(7):695–8

Family physicians and general internists: do they treat hypertensive patients differently? Adamson TE, et al. **J Fam Pract** 1989 Jul;29(1):93–9

American Board of Pediatrics. Guidelines for combined internal medicine-pediatrics residency training programs. **Pediatrics** 1989 Jul;84(1):190–4

Combined internal medicine/pediatric residency training programs. Ferrari ND 3d, et al. **Pediatrics** 1989 Jul; 84(1):94–7

Combined medicine/pediatrics training programs. Middelkamp JN. **Pediatrics** 1989 Jul;84(1):181–2

Professional integrity [letter] Benson JA Jr. **West J Med** 1989 May;150(5):589

INTERNATIONAL COOPERATION

Nobelists emphasize interdependence in global science and technology [news] Kangilaski J. **JAMA** 1989 Jul 21; 262(3):325–6

Dialysis relief effort for Armenia [letter] Rosansky SJ, et al. **N Engl J Med** 1989 Jul 27;321(4):264–5

INTERNSHIP AND RESIDENCY

An education program to reduce unnecessary laboratory tests by residents. Dowling PT, et al. **Acad Med** 1989 Jul; 64(7):410–2

Using an organizational development strategy to improve residency training. Leider H, et al. **Acad Med** 1989 Jul; 64(7):415–6

Procedural skills [letter] Spielman FJ, et al. **Acad Med** 1989 Jul;64(7):391–2

Recommended core educational guidelines on nutrition for family practice residents. **Am Fam Physician** 1989 Jul; 40(1):265–6

Does a residents' continuity clinic provide primary care? Wilson ME, et al. **Am J Dis Child** 1989 Jul;143(7):809–12

The psychiatric chief residency [letter] Bemis C, et al. **Am J Psychiatry** 1989 Jul;146(7):943–4

New directions in anesthesia subspecialty training? [editorial] Reves JG, et al. **Anesth Analg** 1989 Jul;69(1):867–9

Community teaching hospitals feel funding squeeze. McCormick B. **Hospitals** 1989 Jul 5;63(13):34, 36, 38

The moonlighting dilemma. Balancing education, service, and quality care while limiting risk exposure. Cohen SN, et al. **JAMA** 1989 Jul 28;262(4):529–31

Sleep deprivation and performance of residents: the power of the study [letter] Pascoe JM. **JAMA** 1989 Aug 11; 262(6):775

'Ravelled sleeve'? It seams JAMA hath come apart at seems [letter] Tartow LR. **JAMA** 1989 Aug 4;262(5):616

American Board of Pediatrics. Guidelines for combined internal medicine-pediatrics residency training programs. **Pediatrics** 1989 Jul;84(1):190–4

Professional liability coverage for residents [letter] Cohn B. **Pediatrics** 1989 Jul;84(1):195–6

Combined internal medicine/pediatric residency training programs. Ferrari ND 3d, et al. **Pediatrics** 1989 Jul; 84(1):94–7

Needle injuries among pediatric housestaff physicians in New York City. Melzer SM, et al. **Pediatrics** 1989 Aug; 84(2):211–4

In-training examinations as predictors of resident clinical performance. Quattlebaum TG, et al. **Pediatrics** 1989 Jul; 84(1):165–72

Radiology residency training in diagnostic sonography: recommendations of the Society of Radiologists in Ultrasound [letter] Filly RA. **Radiology** 1989 Aug; 172(2):577

INTERPROFESSIONAL RELATIONS

Hospital executive works 'triple time' for staff. Lappa K. **Hospitals** 1989 Jul 5;63(13):54

Communication problems after mammographic screening. Robertson CL, et al. **Radiology** 1989 Aug;172(2):443–4

INTERVERTEBRAL DISK CHEMOLYSIS

Chymopapain chemonucleolysis versus surgical discectomy in a military population. Alexander AH, et al. **Clin Orthop** 1989 Jul;(244):158–65

INTERVERTEBRAL DISK DISPLACEMENT

Chymopapain chemonucleolysis versus surgical discectomy in a military population. Alexander AH, et al. **Clin Orthop** 1989 Jul;(244):158–65

Quantifying postoperative deficits of physical function following spinal surgery. Mayer TG, et al. **Clin Orthop** 1989 Jul;(244):147–57

INTESTINAL ABSORPTION

Inorganic zinc and the intestinal absorption of ferrous iron. Crofton RW, et al. **Am J Clin Nutr** 1989 Jul;50(1):141–4

Sucralfate, intestinal aluminum absorption, and aluminum toxicity in a patient on dialysis. Robertson JA, et al. **Ann Intern Med** 1989 Jul 15;111(2):179–81

Intestinal absorption of peptide enteral formulas in hypoproteinemic (volume expanded) rats: a paired analysis. Brinson RR, et al. **Crit Care Med** 1989 Jul;17(7):657–60

Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Fuse K, et al. **Dig Dis Sci** 1989 Jul;34(7):1109–16

Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509–11; discussion 520–1

Hyperglycaemia and absorption of sulphonylurea drugs. Groop LC, et al. **Lancet** 1989 Jul 15;2(8655):129–30

INTESTINAL DISEASES

Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Akesson A, et al. **Br J Rheumatol** 1989 Aug;28(4):281–6

Prevention of hernia after enterostomy. Sugarbaker PH. **Surg Gynecol Obstet** 1989 Jul;169(1):75–7

INTESTINAL DISEASES, PARASITIC

Milk intolerance due to lactose and giardiasis [letter] Tolboom JJ. **Am J Clin Nutr** 1989 Jul;50(1):178–9

INTESTINAL FISTULA

Treatment of 27 postoperative enterocutaneous fistulas with the long half-life somatostatin analogue SMS 201-995. Nubiola P, et al. **Ann Surg** 1989 Jul;210(1):56–8
Primary aortoduodenal fistula. Diagnosis by computed tomography. Ibrahim IM, et al. **Arch Surg** 1989 Jul; 124(7):870–1
Delayed erosion of intraperitoneal chemotherapy catheters into the bowel. Report of two cases. Varney RR, et al. **Cancer** 1989 Aug 1;64(3):762–4
Management of multiple enterocutaneous fistulas. Lange MP, et al. **Heart Lung** 1989 Jul;18(4):386–90 (13 ref.)

INTESTINAL MUCOSA

Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329–32
Effect of lipopolysaccharide on intestinal intramucosal hydrogen ion concentration in pigs: evidence of gut ischemia in a normodynamic model of septic shock. Fink MP, et al. **Crit Care Med** 1989 Jul;17(7):641–6
Effect of enprostil on amphibian gastroduodenal and human gastric bicarbonate secretion. Shorrock CJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1016–20
Cell lineage markers in premalignant and malignant colonic mucosa. Ho SB, et al. **Gastroenterology** 1989 Aug; 97(2):392–404
Inhibition of endotoxin-induced bacterial translocation in mice. Deitch EA, et al. **J Clin Invest** 1989 Jul;84(1):36–42
Estimation of phenolic conjugation by colonic mucosa. Ramakrishna BS, et al. **J Clin Pathol** 1989 Jun;42(6):620–3
Cholera toxin as a mucosal adjuvant. Glutaraldehyde treatment dissociates adjuvanticity from toxicity. Liang XP, et al. **J Immunol** 1989 Jul 15;143(2):484–90
The effect of the route of delivery of urogastrone on intestinal regeneration. Thompson JS, et al. **Surgery** 1989 Jul; 106(1):45–51

INTESTINAL OBSTRUCTION

Increased peritoneal fluid lactic acid values and progressive bowel strangulation in dogs. DeLaurier GA, et al. **Am J Surg** 1989 Jul;158(1):32–5
Changing patterns of treatment and survival in neonates with meconium ileus. Rescorla FJ, et al. **Arch Surg** 1989 Jul; 124(7):837–40
Gastrointestinal myoelectric activity in an infant with congenital idiopathic motility disorder. Blank EL, et al. **Dig Dis Sci** 1989 Jul;34(7):1124–31
Genetic differences between cystic fibrosis with and without meconium ileus [letter] Simon-Bouy B, et al. **Lancet** 1989 Jul 8;2(8654):102
Intra-aortic balloon counterpulsation in high-risk cardiac patients undergoing noncardiac surgery. Grotz RL, et al. **Surgery** 1989 Jul;106(1):1–5
Small-bowel obstruction by an inflatable penile prosthesis reservoir. Luks FI, et al. **Surgery** 1989 Jul;106(1):101–4 (19 ref.)

INTESTINAL PERFORATION

Intestinal perforation caused by larval Eustrongylides (Nematoda: Dioctophymatoidae) in New Jersey. Eberhard ML, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):648–50
Intraperitoneal chemotherapy complicated by erosion of a Tenckhoff catheter into the colon. Holt RW, et al. **South Med J** 1989 Jul;82(7):914–6

INTESTINAL PSEUDO-OBSTRUCTION

Chronic intestinal pseudo-obstruction [letter] Sadjadpour K. **Mayo Clin Proc** 1989 Jun;64(6):728

INTESTINE, SMALL

Canadian surgeons lay claim to world's first successful bowel transplant. Johnston C. **Can Med Assoc J** 1989 Jul 15; 141(2):156
Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine. Korman LY, et al. **Dig Dis Sci** 1989 Jul;34(7):1100–8
Quantitation of the rabbit intestinal glycolipid receptor for Shiga toxin. Further evidence for the developmental regulation of globotriaosylceramide in microvillus membranes. Mobassaleh M, et al. **Gastroenterology** 1989 Aug;97(2):384–91

INTRA-AORTIC BALLOON PUMPING

Intra-aortic balloon counterpulsation in high-risk cardiac patients undergoing noncardiac surgery. Grotz RL, et al. **Surgery** 1989 Jul;106(1):1–5

INTRACRANIAL PRESSURE

Intracranial pressure changes during positioning of patients with severe head injury. Lee ST. **Heart Lung** 1989 Jul; 18(4):411–4

INTRAOCULAR PRESSURE

Low intraocular pressure and postural changes in intraocular pressure in patients with Hansen's disease. Hussein N, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):80–3
Nitroglycerine, succinylcholine and intraocular pressure [letter] Jantzen JP, et al. **Anesth Analg** 1989 Jul;69(1):1005–7

INTRAOPERATIVE CARE

Augmentation of local anesthesia during retinal detachment surgery. Mein CE, et al. **Arch Ophthalmol** 1989 Jul; 107(7):1084

INTRAOPERATIVE COMPLICATIONS

Malignant hyperthermia in a hemodialysis patient. Harioka T, et al. **Anesth Analg** 1989 Jul;69(1):985–7
Severe intraoperative myocardial ischemia following manipulation of the heart in a patient undergoing esophagogastrectomy. Hyduke JF, et al. **Anesthesiology** 1989 Jul;71(1):154–8
Prevention and management of surgical complications during repair of abdominal aortic aneurysms. Hermreck AS. **Surg Clin North Am** 1989 Aug;69(4):869–94 (124 ref.)

INTRAUTERINE DEVICES

The importance of ultrasonography in infertile women with "forgotten" intrauterine contraceptive devices. Ron-El R, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):211–2

INTUBATION

Video display for teaching fiberoptic intubations [letter] Dubin SA, et al. **Anesthesiology** 1989 Jul;71(1):167
Percutaneous transtracheal catheter ventilation (PTCV) in complete airway obstruction—a canine model. Frame SB, et al. **J Trauma** 1989 Jun;29(6):774–80; discussion 780–1

INTUBATION, GASTROINTESTINAL

Assessment of accuracy of intraesophageal pH probe in a dog model. Murphy DW, et al. **Dig Dis Sci** 1989 Jul; 34(7):1079–84

INTUBATION, INTRATRACHEAL

In vitro versus in vivo comparison of endotracheal tube airflow resistance. Wright PE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):10–6
Effect of buprenorphine on the cardiovascular response to tracheal intubation. Khan FA, et al. **Anaesthesia** 1989 May; 44(5):394–7
The oesophageal detector device. A prospective trial on 100 patients. Williams KN, et al. **Anaesthesia** 1989 May; 44(5):412–4
Modification of an Eschmann Introducer to permit measurement of end-tidal carbon dioxide. Artru AA, et al. **Anesth Analg** 1989 Jul;69(1):995–7
An inexpensive, disposable adapter for increasing the safety of blind nasotracheal intubations [letter] Dorsey MJ, et al. **Anesth Analg** 1989 Jul;69(1):1001
Prolonged nasotracheal intubation and its association with inflammation of paranasal sinuses. Fassoulaki A, et al. **Anesth Analg** 1989 Jul;69(1):916–8
Comparison of tracheal intubating conditions and neuromuscular blocking profiles after intubating doses of mivacurium chloride or succinylcholine in surgical outpatients. Goldberg ME, et al. **Anesth Analg** 1989 Jul; 69(1):959–65
Airway obstruction caused by a kinked Hi-Lo Jet endotracheal tube during high frequency jet ventilation. Wilks DH, et al. **Anesth Analg** 1989 Jul;69(1):982–4
Mechanisms of laryngotracheal injury following prolonged tracheal intubation. Bishop MJ. **Chest** 1989 Jul;96(1):185–6 (19 ref.)
Physiologic implications of artificial airways. Habib MP. **Chest** 1989 Jul;96(1):180–4 (14 ref.)
Timing of tracheostomy in the critically ill patient. Marsh HM, et al. **Chest** 1989 Jul;96(1):190–3
Consensus conference on artificial airways in patients receiving mechanical ventilation. Plummer AL, et al. **Chest** 1989 Jul;96(1):178–80 (4 ref.)
Additional work of breathing imposed by endotracheal tubes, breathing circuits, and intensive care ventilators. Bersten AD, et al. **Crit Care Med** 1989 Jul;17(7):671–7
Endotracheal tube rupture, accidental extubation, and tracheal avulsion: three airway catastrophes associated with significant decrease in leak pressure. Spear RM, et al. **Crit Care Med** 1989 Jul;17(7):701–3
Benefits of the pharyngeal pack [letter] Sexton J, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):891
Prevention of palatal groove formation in premature neonates requiring intubation. Ginoza G, et al. **J Pediatr** 1989 Jul; 115(1):133–5
Management of meconium-stained neonate [letter] Wiswell TE. **J Pediatr** 1989 Jul;115(1):165–6

INTUSSUSCEPTION

Diagnosis and treatment of adult intussusception. Reijnen HA, et al. **Am J Surg** 1989 Jul;158(1):25–8

IODIDES

Treating early cancer of the esophagus after Lugol-combined endoscopy detection [letter] Mosimann F, et al. **Ann Surg** 1989 Jul;210(1):125

IODINE

Transient primary hypothyroidism in the neonate [letter] Clemens PC, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):335
Alterations in thyroid blood flow induced by varying levels of iodine intake in the rat. Michalkiewicz M, et al. **Endocrinology** 1989 Jul;125(1):54–60
Metabolism of triiodothyroacetic acid (TA3) in rat liver. I. Deiodination of TA3 and TA3 sulfate by microsomes. Rutgers M, et al. **Endocrinology** 1989 Jul;125(1):424–32
Metabolism of triiodothyroacetic acid (TA3) in rat liver. II. Deiodination and conjugation of TA3 by rat hepatocytes and in rats in vivo. Rutgers M, et al. **Endocrinology** 1989 Jul;125(1):433–43

IODINE RADIOISOTOPES

Radioiodine and aggravation of Graves' ophthalmopathy [letter] Vestergaard H, et al. **Lancet** 1989 Jul 1;2(8653):47
Alzheimer disease: quantitative analysis of I-123-iodoamphetamine SPECT brain imaging. Hellman RS, et al. **Radiology** 1989 Jul;172(1):183–8
Staging of carcinoma of the breast using a hand-held gamma detecting probe and monoclonal antibody B72.3. Nieroda CA, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):35–40

ION CHANNELS

Ion channels and G proteins. Brown AM, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):189–93, 198, 202–4 (3 ref.)
Guanine nucleotide-binding protein, alpha i-3, directly activates a cation channel in rat renal inner medullary collecting duct cells. Light DB, et al. **J Clin Invest** 1989 Jul;84(1):352–6

IONOPHORES

Mechanisms of T cell activation by the calcium ionophore ionomycin. Chatila T, et al. **J Immunol** 1989 Aug 15; 143(4):1283–9

IOPAMIDOL

Effects of ionic and nonionic contrast media on coronary diameter and blood flow in chronically instrumented dogs. Egashira S, et al. **Am Heart J** 1989 Jul;118(1):39–46
Transient global amnesia associated with cerebral angiography performed with use of iopamidol. Giang DW, et al. **Radiology** 1989 Jul;172(1):195–6

IRIS

Ocular findings in arteriohepatic dysplasia (Alagille's syndrome). Raymond WR, et al. **Arch Ophthalmol** 1989 Jul;107(7):1077

IRON

Inorganic zinc and the intestinal absorption of ferrous iron. Crofton RW, et al. **Am J Clin Nutr** 1989 Jul;50(1):141–4
Assessment of tissue iron overload by nuclear magnetic resonance imaging. Johnston DL, et al. **Am J Med** 1989 Jul;87(1):40–7
Iron deficiency in adolescents [letter] Lyons D, et al. **BMJ** 1989 Apr 29;298(6681):1180
Iron overload after prolonged intramuscular iron therapy [letter] Saven A, et al. **N Engl J Med** 1989 Aug 3; 321(5):331–2
Normal deposition of brain iron in childhood and adolescence: MR imaging at 1.5 T. Aoki S, et al. **Radiology** 1989 Aug;172(2):381–5

IRON CHELATES

Prevention of postischemic cardiac injury by the orally active iron chelator 1,2-dimethyl-3-hydroxy-4-pyridone (L1) and the antioxidant (+)-cyanidanol-3. van der Kraaij AM, et al. **Circulation** 1989 Jul;80(1):158–64
Animal toxicology of iron chelator L1 [letter] Porter JB, et al. **Lancet** 1989 Jul 15;2(8655):156

ISCHEMIA

Interaction of lidocaine and hypothermia in Bier blocks in volunteers. Heavner JE, et al. **Anesth Analg** 1989 Jul; 69(1):919–25
Acute lower limb ischemia [letter] Lancashire MJ, et al. **Br J Surg** 1989 May;76(5):526
Acute ischaemia of the upper limb compared with acute lower limb ischaemia; a 5-year review. Stonebridge PA,

et al. **Br J Surg** 1989 May;76(5):515–6
Effect of lipopolysaccharide on intestinal intramucosal hydrogen ion concentration in pigs: evidence of gut ischemia in a normodynamic model of septic shock. Fink MP, et al. **Crit Care Med** 1989 Jul;17(7):641–6
Venous mesenteric ischaemia: conservative or surgical treatment? [letter] Clavien PA, et al. **Lancet** 1989 Jul 1; 2(8653):48
Nerve regeneration patterns after acute ischemic injury. Korthals JK, et al. **Neurology** 1989 Jul;39(7):932–7
Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Riggs JE, et al. **Neurology** 1989 Jul; 39(7):997–8
Intermittent claudication and limb-threatening ischemia in systemic lupus erythematosus and in SLE-like disease: a report of two cases and review of the literature. Bakker FC, et al. **Surgery** 1989 Jul;106(1):21–5 (32 ref.)
The clinical application of forearm and hand blood flow measurements using a gamma camera. Parkin A, et al. **Surgery** 1989 Jul;106(1):26–32

ISLANDS OF LANGERHANS

Decreased insulin- and glucagon-pulse amplitude accompanying beta-cell deficiency induced by streptozocin in baboons. Goodner CJ, et al. **Diabetes** 1989 Jul; 38(7):925–31
MHC molecules and beta-cell destruction. Immune and nonimmune mechanisms. Harrison LC, et al. **Diabetes** 1989 Jul;38(7):815–8 (26 ref.)
Development of a method for isolation of islets from human fetal pancreas. Kover K, et al. **Diabetes** 1989 Jul; 38(7):917–24
Effect of rise in cAMP levels on Ca2+ influx through voltage-dependent Ca2+ channels in HIT cells. Second-messenger synarchy in beta-cells. Rajan AS, et al. **Diabetes** 1989 Jul;38(7):874–80
Phosphoinositide hydrolysis and insulin secretion in response to glucose stimulation are impaired in isolated rat islets by prolonged exposure to the sulfonylurea tolbutamide. Zawalich WS. **Endocrinology** 1989 Jul;125(1):281–6
Evidence for IL-6 production by and effects on the pancreatic beta-cell. Campbell IL, et al. **J Immunol** 1989 Aug 15;143(4):1188–91
Destruction of pancreatic islet cells by cytotoxic T lymphocytes in nonobese diabetic mice. Nagata M, et al. **J Immunol** 1989 Aug 15;143(4):1155–62
Induction of endocrine cell differentiation: a new approach to management of diabetes. Rosenberg L, et al. **J Lab Clin Med** 1989 Jul;114(1):75–83

ISLET CELL TUMOR

The role of morphometry in predicting prognosis in pancreatic islet cell tumors. Kenny BD, et al. **Cancer** 1989 Jul 15;64(2):460–5
Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Ono SJ, et al. **Diabetes** 1989 Jul;38(7):911–6
Octreotide—a synthetic somatostatin. **Med Lett Drugs Ther** 1989 Jul 14;31(796):66–8

ISOANTIBODIES

Fetal liver length in normal and isoimmunized pregnancies. Roberts AB, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):42–6

ISOENZYMES

Expression of multiple Na+,K+-adenosine triphosphatase isoform genes in human hematopoietic cells. Behavior of the novel A3 isoform during induced maturation of HL60 cells. Gilmore-Hebert M, et al. **J Clin Invest** 1989 Jul; 84(1):347–51
Distribution of glutathione S-transferase isoenzymes in human kidney: basis for possible markers of renal injury. Harrison DJ, et al. **J Clin Pathol** 1989 Jun;42(6):624–8
CSF placental alkaline phosphatase as marker in cranial dysgerminoma [letter] Ramakrishnan S, et al. **Lancet** 1989 Jul 22;2(8656):225

ISOFLURANE

Halothane, but not isoflurane or enflurane, protects against spontaneous and epinephrine-exacerbated acute thrombus formation in stenosed dog coronary arteries. Bertha BG, et al. **Anesthesiology** 1989 Jul;71(1):96–102
Endothelium-dependent effects of halothane, enflurane, and isoflurane on isolated rat aortic vascular rings. Stone DJ, et al. **Anesthesiology** 1989 Jul;71(1):126–32
Isoflurane compared with midazolam for sedation in the intensive care unit. Kong KL, et al. **BMJ** 1989 May 13; 298(6683):1277–80

ISOPROTERENOL

Reversal of electrophysiologic effects of flecainide on the accessory pathway by isoproterenol in the Wolff-Parkinson-White syndrome. Manolis AS, et al. **Am J Cardiol** 1989 Jul 15;64(3):194–8

ISOQUINOLINES

Disposition of perphenazine is related to polymorphic debrisoquin hydroxylation in human beings. Dahl-Puustinen ML, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):78–81
Imaging of brain tumors using peripheral benzodiazepine receptor ligands. Black KL, et al. **J Neurosurg** 1989 Jul; 71(1):113–8

ISOTRETINOIN

Embryonic retinoid concentrations after maternal intake of isotretinoin [letter] Kraft JC, et al. **N Engl J Med** 1989 Jul 27;321(4):262

JAUNDICE, NEONATAL

Skin colour and bilirubin in neonates. Knudsen A, et al. **Arch Dis Child** 1989 Apr;64(4):605–9

JAW DISEASES

Facial swelling in an adolescent female [clinical conference] Eisenberg E, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):843–8

JAW NEOPLASMS

Chondromyxoid fibroma. Batsakis JG, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):571–2
Metastasizing ameloblastoma. Laughlin EH. **Cancer** 1989 Aug 1;64(3):776–80 (8 ref.)

JEJUNAL DISEASES

Small-bowel obstruction by an inflatable penile prosthesis reservoir. Luks FI, et al. **Surgery** 1989 Jul;106(1):101–4 (19 ref.)

JEJUNOSTOMY

Jejunal delivery of levodopa methyl ester [letter] Ruggieri S, et al. **Lancet** 1989 Jul 1;2(8653):45–6

JEJUNUM

Gastrojejunostomy with mechanical suspension of the afferent loop. Carabalona BJ, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):65–6

JOB SATISFACTION

Job stress and satisfaction among the staff members at a cancer center. Peteet JR, et al. **Cancer** 1989 Aug 15; 64(4):975–82
Job satisfaction of South Carolina dietitians. Rehn BL, et al. **J Am Diet Assoc** 1989 Jul;89(7):979–81

JOINT DISEASES

Rheumatologic manifestations of infection with human immunodeficiency virus (HIV). Kaye BR. **Ann Intern Med** 1989 Jul 15;111(2):158–67 (128 ref.)
Juvenile hyaline fibromatosis. A case report and review of musculoskeletal manifestations. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):941–4 (26 ref.)
Foramen magnum syndrome from pseudogout of the atlanto-occipital ligament. Case report. Ciricillo SF, et al. **J Neurosurg** 1989 Jul;71(1):141–3
A model of orthopaedic dysfunction for clinical decision making in physical therapy practice. Harris BA, et al. **Phys Ther** 1989 Jul;69(7):548–53 (12 ref.)

JOINT INSTABILITY

How often, when and how does joint hypermobility lead to osteoarthritis? Grahame R. **Br J Rheumatol** 1989 Aug; 28(4):320
Knees with cruciate ligament insufficiencies in a sports injury clinic [letter] al-Duri Z. **Clin Orthop** 1989 Jul;(244):309
Instrumented measurements of laxity in patients who have a Gore-Tex anterior cruciate-ligament substitute. Markolf KL, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):887–93

JOINT PROSTHESIS

A composite fixation principle for modular segmental defect replacement (SDR) prostheses. Chao EY. **Orthop Clin North Am** 1989 Jul;20(3):439–53

JOINTS

A unified approach to symptomatic juxtasternal arthritis and enthesitis. Katz ME, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):327–33
Studies in the pathogenesis of rheumatoid arthritis. 2: Antigen/antibody reactions with avascular joint tissues. Cooke TD, et al. **Br J Rheumatol** 1989 Aug;28(4):333–40 (64 ref.)

JUDAISM

Craniosynostosis in the Talmud. Shapiro R. **Radiology** 1989 Jul;172(1):230

JURISPRUDENCE

Court-ordered cesarean section: an analysis of ethical concerns in compelling cases. Elkins TE, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):150–4

KALLIKREIN-TRYPSIN INACTIVATOR

The effects of aprotinin on follicle-stimulating hormone binding and signal transduction in bovine calf testis. Grasso P, et al. **Endocrinology** 1989 Jul;125(1):117–25
Origin of HA-fibrin glue mixture for ridge augmentation [letter] Bochlogyros PN. **J Oral Maxillofac Surg** 1989 Aug; 47(8):891

KERATIN

Detection of metastatic breast carcinoma with monoclonal antibodies to cytokeratins. Sedmak DD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):786–9
Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. Madden MR, et al. **J Trauma** 1989 Jul; 29(7):924–30; discussion 930–1

KERATITIS

Ulcerative keratitis associated with contact lens wear. Koidou-Tsiligianni A, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):64–7

KERATOCONJUNCTIVITIS

Complications associated with the new smaller size freeman punctal plug. Case report. Maguire LJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):961–2

KERATOCONUS

Association of keratoconus and false chordae tendineae in the left ventricle. Bermúdez FJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):93–4

KERATOSIS PALMARIS ET PLANTARIS

Cervical columnar epithelium and tylosis [letter] Veneri RJ, et al. **Lancet** 1989 Jul 8;2(8654):105

KETAMINE

Inotropic effect of ketamine on rat cardiac papillary muscle. Riou B, et al. **Anesthesiology** 1989 Jul;71(1):116–25

KETANSERIN

Ketanserin in the treatment of pulmonary hypertension after valvular surgery: a comparison with sodium nitroprusside. van der Starre PJ, et al. **Crit Care Med** 1989 Jul;17(7):613–8

KETOCONAZOLE

Adverse psychiatric reaction to ketoconazole [letter] Fisch RZ, et al. **Am J Psychiatry** 1989 Jul;146(7):939
Preoperative ketoconazole therapy for adrenocortical carcinoma. Sinnaeve LJ, et al. **Can Med Assoc J** 1989 Jul 15;141(2):131–3

KIDNEY

Focal renal infarction after retroperitoneal lymph-node dissection: CT diagnosis. Zissin R, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):325–6
Renal function and long-term low mercury vapor exposure. Piikivi L, et al. **Arch Environ Health** 1989 May-Jun; 44(3):146–9
Nephroblastomatosis. An overview [editorial] Bove KE. **Arch Pathol Lab Med** 1989 Jul;113(7):723–4
Bilateral diffuse nephroblastomatosis, pancortical type. A case report with immunohistochemical investigations. Murata T, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):729–34
Measurement of body water compartments after ligation of the common bile duct in the rabbit. Martínez-Ródenas F, et al. **Br J Surg** 1989 May;76(5):461–4
Immunolocalization of renal mineralocorticoid receptors with an antiserum against a peptide deduced from the complementary deoxyribonucleic acid sequence. Krozowski ZS, et al. **Endocrinology** 1989 Jul;125(1):192–8
Protein kinase-A and the effects of parathyroid hormone on phosphate uptake in opossum kidney cells. Martin KJ, et al. **Endocrinology** 1989 Jul;125(1):295–301
Distribution of glutathione S-transferase isoenzymes in human kidney: basis for possible markers of renal injury. Harrison DJ, et al. **J Clin Pathol** 1989 Jun;42(6):624–8
Size and disease [editorial] Hostetter TH. **J Lab Clin Med** 1989 Jul;114(1):4–5
Effect of protein intake on lifelong changes in renal function of rats unilaterally nephrectomized at young age. Provoost AP, et al. **J Lab Clin Med** 1989 Jul;114(1):19–26

Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363-5
The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. Dejter SW Jr, et al. **J Urol** 1989 Aug;142(2 Pt 2):661-2; discussion 667-8
Wilms tumorlet, nodular renal blastema and multicystic renal dysplasia. Dimmick JE, et al. **J Urol** 1989 Aug;142(2 Pt 2):484-5; discussion 489
Orthotopic renal transplant and results in 139 consecutive cases. Gil-Vernet JM, et al. **J Urol** 1989 Aug;142(2):248-52
Development of an in vitro model for the disruption of extracellular matrix components in the study of congenital renal parenchymal dysmorphism. Howe SC, et al. **J Urol** 1989 Aug;142(2 Pt 2):612-5; discussion 619
Nodular renal blastema in the multicystic kidney. Noe HN, et al. **J Urol** 1989 Aug;142(2 Pt 2):486-8; discussion 489
Functional outcome of pyeloplasty for ureteropelvic junction obstruction: prospective study in 30 consecutive cases. O'Reilly PH. **J Urol** 1989 Aug;142(2):273-6
Scrotal incarceration of the ureter with crossed renal ectopia: case report and literature review. Rocklin MS, et al. **J Urol** 1989 Aug;142(2):366-8 (17 ref.)
Surgery for duplex kidneys with ectopic ureters: ipsilateral ureteroureterostomy versus polar nephrectomy. Smith FL, et al. **J Urol** 1989 Aug;142(2 Pt 2):532-4; discussion 542-3
Serial renal function in an ovine model of unilateral fetal urinary tract obstruction. Ward RM, et al. **J Urol** 1989 Aug;142(2 Pt 2):652-6; discussion 667-8
Renal transplantation for children [letter] Mauer SM, et al. **JAMA** 1989 Jul 21;262(3):348
Papillomavirus infection and skin cancer in renal allograft recipients [letter] Barr BB, et al. **Lancet** 1989 Jul 22; 2(8656):224-5
Donor kidneys of infants and very young children are unacceptable for transplantation [letter] Ruder H, et al. **Lancet** 1989 Jul 15;2(8655):168
Contrast nephrotoxicity [letter] **N Engl J Med** 1989 Aug 10; 321(6):395-7
Serum erythropoietin levels after renal transplantation. Sun CH, et al. **N Engl J Med** 1989 Jul 20;321(3):151-7
Incidental fibromuscular dysplasia in potential renal donors: long-term clinical follow-up. Cragg AH, et al. **Radiology** 1989 Jul;172(1):145-7
Two-compartment, two-sample technique for accurate estimation of effective renal plasma flow: theoretical development and comparison with other methods. Lear JL, et al. **Radiology** 1989 Aug;172(2):431-6
Persistent CT nephrogram: significance in the diagnosis of contrast nephropathy. Love L, et al. **Radiology** 1989 Jul; 172(1):125-9
Imaging of renal trauma. Pollack HM, et al. **Radiology** 1989 Aug;172(2):297-308 (105 ref.)
The kidney: imaging with Tc-99m mercaptoacetyltriglycine, a technetium-labeled analog of iodohippurate. Russell CD, et al. **Radiology** 1989 Aug;172(2):427-30
Abdominal aortic reconstruction without renal bypass in renal transplant patients. Jivegård L, et al. **Surgery** 1989 Jul;106(1):110-3

KIDNEY CALCULI

The role of open stone surgery since extracorporeal shock wave lithotripsy. Assimos DG, et al. **J Urol** 1989 Aug;142(2):263-7
Caliceal colic: fact or fiction. Fernandez JA, et al. **J Urol** 1989 Aug;142(2):257-8
Short-term changes of laboratory values after extracorporeal shock wave lithotripsy: a comparative study. Haupt G, et al. **J Urol** 1989 Aug;142(2):259-62
Piezoelectric extracorporeal shock wave lithotripsy in children. Marberger M, et al. **J Urol** 1989 Aug;142(2):349-52
Long-term results of extracorporeal shock wave lithotripsy in children. Nijman RJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):609-11; discussion 619

KIDNEY, CYSTIC

Cyst of the kidney or spontaneous splenorenal shunt? Differentiation by pulsed Doppler sonography [letter] Testa S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):431
Multilocular cyst of the kidney (cystic nephroma) and cystic, partially differentiated nephroblastoma. Terminology and criteria for diagnosis. Joshi VV, et al. **Cancer** 1989 Jul 15; 64(2):466-79
Wilms tumorlet, nodular renal blastema and multicystic renal dysplasia. Dimmick JE, et al. **J Urol** 1989 Aug;142(2 Pt 2):484-5; discussion 489
Nodular renal blastema in the multicystic kidney. Noe HN, et al. **J Urol** 1989 Aug;142(2 Pt 2):486-8; discussion 489
Multilocular cyst (multilocular cystic nephroma) of the kidney: a report of 2 cases with an unusual mode of presentation. Thijssen AM, et al. **J Urol** 1989 Aug;142(2):346-8

KIDNEY DISEASES

Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363-5
Caliceal colic: fact or fiction. Fernandez JA, et al. **J Urol** 1989 Aug;142(2):257-8
Nephrotoxicity of ifosfamide in children [letter] Skinner R, et al. **Lancet** 1989 Jul 15;2(8655):159
Persistent CT nephrogram: significance in the diagnosis of contrast nephropathy. Love L, et al. **Radiology** 1989 Jul; 172(1):125-9

KIDNEY FAILURE, ACUTE

Treatment of renal failure in neonates [letter] Modi N. **Arch Dis Child** 1989 Apr;64(4):630-1

KIDNEY FAILURE, CHRONIC

Role of anemia in the pathogenesis of left ventricular hypertrophy in end-stage renal disease. Silberberg JS, et al. **Am J Cardiol** 1989 Jul 15;64(3):222-4
Sucralfate, intestinal aluminum absorption, and aluminum toxicity in a patient on dialysis. Robertson JA, et al. **Ann Intern Med** 1989 Jul 15;111(2):179-81
Oral acyclovir and neurotoxicity [letter] Swan SK, et al. **Ann Intern Med** 1989 Jul 15;111(2):188
Chronic renal failure and growth. Rees L, et al. **Arch Dis Child** 1989 Apr;64(4):573-7
Home heating and renal failure [letter] Stout JP, et al. **Lancet** 1989 Jul 1;2(8653):50-1
Intravenous calcitriol in the treatment of refractory osteitis fibrosa of chronic renal failure [see comments] Andress DL, et al. **N Engl J Med** 1989 Aug 3;321(5):274-9. **Comment in:** N Engl J Med 1989 Aug 3;321(5):317-9
Treatment of the anemia of progressive renal failure with recombinant human erythropoietin. Eschbach JW, et al. **N Engl J Med** 1989 Jul 20;321(3):158-63
Neurodevelopmental progress of young children with chronic renal disease. Geary DF, et al. **Pediatrics** 1989 Jul; 84(1):68-72
Can progression of renal disease be prevented? Hall PM. **Postgrad Med** 1989 Jul;86(1):113-5, 120 (19 ref.)

KIDNEY GLOMERULUS

Effects of sorbinil on glomerular structure and function in long-term-diabetic rats. Mauer SM, et al. **Diabetes** 1989 Jul;38(7):839-46
Transcellular transport and membrane insertion of the C5b-9 membrane attack complex of complement by glomerular epithelial cells in experimental membranous nephropathy. Kerjaschki D, et al. **J Immunol** 1989 Jul 15;143(2):546-52
Sex vulnerability in the subtotal nephrectomy model of glomerulosclerosis in the rat. Lombet JR, et al. **J Lab Clin Med** 1989 Jul;114(1):66-74
Urinary obstruction reduces glomerulogenesis in the developing kidney: a model in the rabbit. McVary KT, et al. **J Urol** 1989 Aug;142(2 Pt 2):646-51; discussion 667-8

KIDNEY MEDULLA

Suppression of leukocyte function and intracellular content of ATP in hyperosmotic condition comparable to the renal medulla. Matsumoto T, et al. **J Urol** 1989 Aug;142(2):399-402
Renal papillary blushes and nonionic contrast agents [letter] Whitehouse RW. **Radiology** 1989 Aug;172(2):581

KIDNEY NEOPLASMS

Fluoroscopically guided retrograde brush biopsy in the diagnosis of transitional cell carcinoma of the upper urinary tract: results in 45 patients. Sheline M, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):313-6
Nephroblastomatosis. An overview [editorial] Bove KE. **Arch Pathol Lab Med** 1989 Jul;113(7):723-4
Bilateral diffuse nephroblastomatosis, pancortical type. A case report with immunohistochemical investigations. Murata T, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):729-34
Treatment of Wilms' tumor. Results of the Third National Wilms' Tumor Study. D'Angio GJ, et al. **Cancer** 1989 Jul 15;64(2):349-60
Multilocular cyst of the kidney (cystic nephroma) and cystic, partially differentiated nephroblastoma. Terminology and criteria for diagnosis. Joshi VV, et al. **Cancer** 1989 Jul 15; 64(2):466-79
Integration of nutrition support into oncologic treatment protocols for high and low nutritional risk children with Wilms' tumor. A prospective randomized study. Rickard KA, et al. **Cancer** 1989 Jul 15;64(2):491-509
Wilms tumorlet, nodular renal blastema and multicystic renal dysplasia. Dimmick JE, et al. **J Urol** 1989 Aug;142(2 Pt 2):484-5; discussion 489
Cellular congenital mesoblastic nephroma: what are the options. Gormley TS, et al. **J Urol** 1989 Aug;142(2 Pt 2):479-83; discussion 489 (35 ref.)
Nodular renal blastema in the multicystic kidney. Noe HN, et al. **J Urol** 1989 Aug;142(2 Pt 2):486-8; discussion 489
Phase II study of recombinant interferon alpha-2a and vinblastine in advanced renal cell carcinoma. Schornagel JH, et al. **J Urol** 1989 Aug;142(2):253-6
M-VAC (methotrexate, vinblastine, doxorubicin and cisplatin) chemotherapy for transitional cell carcinoma: the Princess Margaret Hospital experience. Tannock I, et al. **J Urol** 1989 Aug;142(2):289-92
Multilocular cyst (multilocular cystic nephroma) of the kidney: a report of 2 cases with an unusual mode of presentation. Thijssen AM, et al. **J Urol** 1989 Aug;142(2):346-8
Malignant rhabdoid tumor of the kidney: radiologic features. Sisler CL, et al. **Radiology** 1989 Jul;172(1):211-2

KIDNEY PELVIS

Functional outcome of pyeloplasty for ureteropelvic junction obstruction: prospective study in 30 consecutive cases. O'Reilly PH. **J Urol** 1989 Aug;142(2):273-6
Priorities in urinary diversion following pyeloplasty. Wollin M, et al. **J Urol** 1989 Aug;142(2 Pt 2):576-8; discussion 603-5
Pyeloplasty in the young infant. Wolpert JJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):573-5; discussion 603-5

KIDNEY TUBULES

Guanine nucleotide-binding protein, alpha i-3, directly activates a cation channel in rat renal inner medullary collecting duct cells. Light DB, et al. **J Clin Invest** 1989 Jul;84(1):352-6
Active proton secretion and potassium absorption in the rabbit outer medullary collecting duct. Functional evidence for proton-potassium-activated adenosine triphosphatase. Wingo CS. **J Clin Invest** 1989 Jul;84(1):361-5

KIDNEY TUBULES, PROXIMAL

Increased renal tubular cell excretion by patients receiving chronic therapy with gold and with nonsteroidal anti-inflammatory drugs. Ganley CJ, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):51-5
Angiotensin II stimulates early proximal bicarbonate absorption in the rat by decreasing cyclic adenosine monophosphate. Liu FY, et al. **J Clin Invest** 1989 Jul; 84(1):83-91
Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies. Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. Haverty TP, et al. **J Immunol** 1989 Aug 15; 143(4):1133-41
Role of superoxide dismutase in the pathogenesis of pyelonephritis: immunological localization of superoxide dismutase in human renal tissues. Strand WR, et al. **J Urol** 1989 Aug;142(2 Pt 2):616-8; discussion 619

KILLER CELLS

Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. Shau HY, et al. **J Immunol** 1989 Aug 1;143(3):1066-72
Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274-7
An ongoing in vivo immune response affects the abundancy and differentiation of lymphokine-activated killer cell precursors, but does not influence their broad spectrum target reactivity. Vanhaesebroeck B, et al. **J Immunol** 1989 Aug 15;143(4):1396-402

KILLER CELLS, NATURAL

Nonspecific cytotoxicity of recombinant interleukin-2 activated lymphocytes. Bechard DE, et al. **Am J Med Sci** 1989 Jul;298(1):28-33
Adriamycin-induced resistance to natural killer (NK)-mediated cytotoxicity. Wood WJ Jr, et al. **Cancer** 1989 Jul 15;64(2):396-403
T cell receptor delta gene organization and expression in normal and leukemic natural killer cells. Biondi A, et al. **J Immunol** 1989 Aug 1;143(3):1009-14
Relationship between target cell recognition and temporal fluctuations in intracellular Ca2+ of human NK cells. Edwards BS, et al. **J Immunol** 1989 Aug 1;143(3):1058-65
Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. **J Immunol** 1989 Aug 15;143(4):1318-26
Identification of a human natural killer cell target cell antigen with monoclonal antibodies. Harris DT, et al. **J Immunol** 1989 Jul 15;143(2):727-35
IFN-beta 2/IL-6 augments the activity of human natural killer cells. Luger TA, et al. **J Immunol** 1989 Aug 15; 143(4):1206-9
Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. Shau HY, et al. **J Immunol** 1989 Aug 1;143(3):1066-72
Feline cytotoxic large granular lymphocytes induced by recombinant human IL-2. Tompkins MB, et al. **J Immunol** 1989 Jul 15;143(2):749-54
Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274-7

KININOGENS

Human neutrophils contain and bind high molecular weight kininogen. Gustafson EJ, et al. **J Clin Invest** 1989 Jul;

84(1):28-35

KNEE INJURIES

Knees with cruciate ligament insufficiencies in a sports injury clinic [letter] al-Duri Z. **Clin Orthop** 1989 Jul;(244):309
Avulsion of the posteromedial tibial plateau by the semimembranosus tendon: diagnosis with MR imaging. Yao L, et al. **Radiology** 1989 Aug;172(2):513-4

KNEE JOINT

Normal variations in MR imaging of the knee: appearance and frequency. Watanabe AT, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):341-4
Immunohistological features in the synovium obtained from clinically uninvolved knee joints of patients with rheumatoid arthritis. Soden M, et al. **Br J Rheumatol** 1989 Aug;28(4):287-92
Vascularized patella tendon anterior cruciate ligament reconstruction. Arendt EA, et al. **Clin Orthop** 1989 Jul;(244):222-32
Magnetic resonance imaging of the knee. Mink JH, et al. **Clin Orthop** 1989 Jul;(244):29-47 (56 ref.)
Proximal Tibial Osteotomy in Patients Who Are Fifty Years Old or Less. A Long-term Follow-Up Study [letter] **J Bone Joint Surg [Am]** 1989 Jul;71(6):951-2
Instrumented measurements of laxity in patients who have a Gore-Tex anterior cruciate-ligament substitute. Markolf KL, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):887-93
Common pitfalls in magnetic resonance imaging of the knee. Watanabe AT, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):857-62
Prepatellar calcifications from repeated kneeling [letter] Stevens MP, et al. **N Engl J Med** 1989 Jul 20;321(3):194-5
Bilateral analysis of the knee and ankle during gait: an examination of the relationship between lateral dominance and symmetry. Gundersen LA, et al. **Phys Ther** 1989 Aug;69(8):640-50

KNEE PROSTHESIS

Multiple joint replacements in rheumatoid arthritis [letter] Marks JS. **Br J Rheumatol** 1989 Aug;28(4):362
Patellar tendon rupture after total knee arthroplasty. Rand JA, et al. **Clin Orthop** 1989 Jul;(244):233-8
Continuous passive motion versus physical therapy in total knee arthroplasty. Ritter MA, et al. **Clin Orthop** 1989 Jul;(244):239-43
Postoperative blood salvage using the Cell Saver after total joint arthroplasty. Semkiw LB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):823-7
Patellar replacement in bilateral total knee arthroplasty. A study of patients who had rheumatoid arthritis and no gross deformity of the patella. Shoji H, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):853-6
Osteotomy of the tibial tubercle during total knee replacement. A report of twenty-six cases. Wolff AM, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):848-52
Pulmonary embolism after hip or knee replacement: postoperative changes on pulmonary scintigrams in asymptomatic patients. Foley M, et al. **Radiology** 1989 Aug;172(2):481-5

L CELLS

Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. **J Immunol** 1989 Jul 15;143(2):446-51

LABOR

Fentanyl citrate analgesia during labor. Rayburn W, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):202-6
Epidural diamorphine and bupivacaine in labour. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):400-3
Randomised, controlled trial of squatting in the second stage of labour. Gardosi J, et al. **Lancet** 1989 Jul 8;2(8654):74-7
Beta-endorphin levels during pregnancy and labor: a role in pain modulation? Cahill CA. **Nurs Res** 1989 Jul-Aug;38(4):200-3
The clinical significance of pain and cognitive activity in latent labor [letter] Turner MI, et al. **Obstet Gynecol** 1989 Aug;74(2):285-6

LABOR COMPLICATIONS

Intrapartum uterine activity: evaluation of an intrauterine pressure transducer [letter] Goodlin RC. **Obstet Gynecol** 1989 Aug;74(2):283-4

LABOR, PREMATURE

Psychological factors in preterm childbirth [letter] **Am J Psychiatry** 1989 Jul;146(7):942-3
Dr. Omer replies to letters on psychological factors in preterm childbirth [letter] Omer H. **Am J Psychiatry** 1989 Aug;146(8):1081
Preterm delivery: can we lower the black infant's first hurdle? [editorial] Hogue CJ, et al. **JAMA** 1989 Jul 28;262(4):548-50
Current status of prematurity prevention [editorial] Iams JD. **JAMA** 1989 Jul 14;262(2):265-6
Facts and artifacts about anemia and preterm delivery. Klebanoff MA, et al. **JAMA** 1989 Jul 28;262(4):511-5
Preterm birth prevention in a rural practice. Yawn BP, et al. **JAMA** 1989 Jul 14;262(2):230-3

LABOR UNIONS

Hospitals learn to deal with unionization. Powills S. **Hospitals** 1989 Jul 5;63(13):44-9

LABORATORIES

Monte Carlo simulation and the clinical laboratory. Connelly DP, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):750-7

LABORATORIES, HOSPITAL

Rational restriction of out of hours requests for haematology tests. Gyde OH, et al. **BMJ** 1989 May 13;298(6683):1291-2

LABYRINTH

Decreased adenosine triphosphatase activity in the absence of adrenocorticosteroids. Rarey KE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):817-21

LABYRINTH DISEASES

High antibody levels against mouse laminin with specificity for galactosyl-(alpha 1-3)galactose in patients with inner ear diseases. Klein R, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):537-42
Role of perilymphatic fistula in sudden hearing loss: an animal model. Oshiro EM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):491-5
Treatment of labyrinthine fistula. Palva T, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):804-6

LABYRINTHINE FLUIDS

Role of perilymphatic fistula in sudden hearing loss: an animal model. Oshiro EM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):491-5

LACRIMAL APPARATUS

Complications associated with the new smaller size freeman punctal plug. Case report. Maguire LJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):961-2

LACRIMAL DUCT OBSTRUCTION

Standardized echography in the diagnosis of lacrimal drainage dysfunction. Dutton JJ. **Arch Ophthalmol** 1989 Jul;107(7):1010-2

LACTATE DEHYDROGENASE

Effects of progestins, estrogens, and antihormones on growth and lactate dehydrogenase in the human breast cancer cell line T47D. Hissom JR, et al. **Endocrinology** 1989 Jul;125(1):418-23

LACTATES

Imipramine and alprazolam treatment of lactate-induced acute endogenous distress in nonhuman primates. Sunderland G, et al. **Am J Psychiatry** 1989 Aug;146(8):1044-7
Increased peritoneal fluid lactic acid values and progressive bowel strangulation in dogs. DeLaurier GA, et al. **Am J Surg** 1989 Jul;158(1):32-5
Role of anaerobic bacteria in intra-abdominal septic abscesses in mediating septic control of skeletal muscle glucose oxidation and lactic acidemia. Vary TC, et al. **J Trauma** 1989 Jul;29(7):1003-13; discussion 1013-4
Effects of 100% oxygen on performance of professional soccer players. Winter FD Jr, et al. **JAMA** 1989 Jul 14;262(2):227-9

LACTATION

The vasopressin-associated glycopeptide is not a prolactin-releasing factor: studies with lactating Brattleboro rats. Hyde JF, et al. **Endocrinology** 1989 Jul;125(1):35-40

LACTATION DISORDERS

A coaxial technique for performing galactography. Berná JD, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):273-4
Lactational hypomagnesaemia [letter] Kamble TK, et al. **Lancet** 1989 Jul 15;2(8655):155-6

LACTOSE

Milk produced by mothers with galactosemia [letter] Ng WG, et al. **J Pediatr** 1989 Jul;115(1):166-7

LACTOSE INTOLERANCE

Milk intolerance due to lactose and giardiasis [letter] Tolboom JJ. **Am J Clin Nutr** 1989 Jul;50(1):178-9
Lactase deficiency in Singapore-born and Canadian-born Chinese. Yap I, et al. **Dig Dis Sci** 1989 Jul;34(7):1085-8

LAMINECTOMY

The role of surgical management for symptomatic spinal cord compression in patients with metastatic prostate cancer. Shoskes DA, et al. **J Urol** 1989 Aug;142(2):337-9

LAMININ

High antibody levels against mouse laminin with specificity for galactosyl-(alpha 1-3)galactose in patients with inner ear diseases. Klein R, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):537-42

LANGERHANS CELLS

Variations in the number and morphology of Langerhans' cells in the epidermal component of squamous cell carcinomas. Alcalay J, et al. **Arch Dermatol** 1989 Jul;125(7):917-20
Ultraviolet radiation, Langerhans' cells, and skin cancer. Conspiracy and failure. Cruz PD Jr, et al. **Arch Dermatol** 1989 Jul;125(7):975-9 (54 ref.)

LANGUAGE

The luxuriant language of diagnosis. Kassirer JP, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):36-8, 40, 42, 49
Feminism in publishing [letter] **Lancet** 1989 Jul 15;2(8655):162
Future of French-language journals [letter] Olivier C, et al. **Lancet** 1989 Jul 22;2(8656):222

LANOLIN

Pesticide in lanolin [letter] Cade PH. **JAMA** 1989 Aug 4;262(5):613

LAPAROTOMY

A comparative study of postoperative adhesions following laser surgery by laparoscopy versus laparotomy in the rabbit model. Luciano AA, et al. **Obstet Gynecol** 1989 Aug;74(2):220-4
Management of unruptured ectopic gestation by linear salpingostomy: a prospective, randomized clinical trial of laparoscopy versus laparotomy [letter] Watson WJ. **Obstet Gynecol** 1989 Aug;74(2):282-3

LARYNGEAL CARTILAGES

Cricothyroidotomy [letter] Brantigen CO. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):573-4

LARYNGEAL NERVES

Selective reinnervation of the abductor and adductor muscles of the canine larynx after recurrent nerve paralysis. Marie JP, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):530-6

LARYNGITIS

Infectious mononucleosis complicated by necrotizing epiglottitis, dysphagia, and pneumonia. Biem J, et al. **Chest** 1989 Jul;96(1):204-5

LARYNX

Mechanisms of laryngotracheal injury following prolonged tracheal intubation. Bishop MJ. **Chest** 1989 Jul;96(1):185-6 (19 ref.)

LARYNX, ARTIFICIAL

Facilitating training in tracheoesophageal prosthesis placement. Enderle EE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):853-5

LASER SURGERY

A ten-year experience treating cervical intraepithelial neoplasia with the CO2 laser. Baggish MS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):60-8
Bilateral subretinal neovascularization after focal argon laser photocoagulation for diabetic macular edema. Berger AR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):88-90
The Nd:YAG laser removal of cyanoacrylate used to repair conjunctival wound leaks. Martinez LA, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):86-7
Axial myopia increases the risk of retinal complications after neodymium-YAG laser posterior capsulotomy. Koch DD, et al. **Arch Ophthalmol** 1989 Jul;107(7):986-90
Endoscopic laser treatment for rectosigmoid villous adenoma: factors affecting the results. Brunetaud JM, et al. **Gastroenterology** 1989 Aug;97(2):272-7
Laser-assisted nerve repair in primates. Bailes JE, et al. **J Neurosurg** 1989 Aug;71(2):266-72
Neodymium:yttrium-aluminum-garnet laser vaporization for palliation of obstructing esophageal carcinoma. Moon BC, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):11-4; discussion 14-5
End-to-side and end-to-end vascular anastomoses with a

carbon dioxide laser. Nakata S, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):57–62
Percutaneous excimer laser coronary angioplasty [letter] Litvack F, et al. **Lancet** 1989 Jul 8;2(8654):102–3
Percutaneous angioscopy as adjunct to laser angioplasty in peripheral arteries [letter] White GH, et al. **Lancet** 1989 Jul 8;2(8654):99
Management of imperforate hymen with the carbon dioxide laser. Friedman M, et al. **Obstet Gynecol** 1989 Aug; 74(2):270–2
A comparative study of postoperative adhesions following laser surgery by laparoscopy versus laparotomy in the rabbit model. Luciano AA, et al. **Obstet Gynecol** 1989 Aug; 74(2):220–4
Laser excision rather than vaporization: the treatment of choice for cervical intraepithelial neoplasia. McIndoe GA, et al. **Obstet Gynecol** 1989 Aug;74(2):165–8
Sapphire tip technology for YAG laser excisions in plastic surgery. Apfelberg DB, et al. **Plast Reconstr Surg** 1989 Aug;84(2):273–9

LASERS

Intravascular delivery of laser energy with metal-capped optical fibers: the potential hazard of distal embolism. Keogh BE, et al. **Am Heart J** 1989 Jul;118(1):47–53
Spectral diagnosis of atherosclerosis using an optical fiber laser catheter. Richards-Kortum R, et al. **Am Heart J** 1989 Aug;118(2):381–91
Transluminal laser angioplasty of the femoropopliteal circulation by use of a percutaneous popliteal approach. Leachman DR, et al. **Am J Cardiol** 1989 Jul 1;64(1):106–8
Coronary artery thermal damage during percutaneous "hot tip" laser-assisted angioplasty. Rosenthal E, et al. **Am J Cardiol** 1989 Jul 1;64(1):116–20
Gallstone lithotripsy with the pulsed dye laser: in vitro studies. Murray A, et al. **Br J Surg** 1989 May;76(5):457–60
Pulsed ultraviolet laser irradiation produces endothelium-independent relaxation of vascular smooth muscle. Steg PG, et al. **Circulation** 1989 Jul;80(1):189–97
Acoustic and plasma guided lasertripsy (APGL) of urinary calculi. Bhatta KM, et al. **J Urol** 1989 Aug;142(2):433–7
Laser and the ophthalmologist [editorial] **Lancet** 1989 Jul 1;2(8653):24
Laser-induced fluorescence of ectopic endometrium in rabbits. Vancaillie TG, et al. **Obstet Gynecol** 1989 Aug; 74(2):225–30
Percutaneous excimer-laser and excimer-laser-assisted angioplasty of the lower extremities: results of initial clinical trial. Litvack F, et al. **Radiology** 1989 Aug; 172(2):331–5
Infrapopliteal and below-knee popliteal lesions: treatment with sole laser thermal angioplasty. Work in progress. Sanborn TA, et al. **Radiology** 1989 Jul;172(1):89–93

LATERALITY

Association of left-handedness with ventricle size and neuropsychological performance in schizophrenia. Katsanis J, et al. **Am J Psychiatry** 1989 Aug;146(8):1056–8
Differential effects of right unilateral and bilateral ECT on heart rate. Lane RD, et al. **Am J Psychiatry** 1989 Aug; 146(8):1041–3
Left-handedness and accident-related injury risk. Coren S. **Am J Public Health** 1989 Aug;79(8):1040–1

LATEX FIXATION TESTS

Comparison of latex agglutination with established bacteriological tests for diagnosis of cerebrospinal meningitis [letter] Burans JP, et al. **Lancet** 1989 Jul 15; 2(8655):158–9

LEAD

Lead absorption in indoor firing range users. Valway SE, et al. **Am J Public Health** 1989 Aug;79(8):1029–32
Pulmonary complications in lead miners. Masjedi MR, et al. **Chest** 1989 Jul;96(1):18–21

LEAD POISONING

Height and weight following lead poisoning in childhood. Sachs HK, et al. **Am J Dis Child** 1989 Jul;143(7):820–2
Acute lead poisoning in construction workers: the failure of current protective standards. Marino PE, et al. **Arch Environ Health** 1989 May-Jun;44(3):140–5
The lead-exposed worker. Rempel D. **JAMA** 1989 Jul 28; 262(4):532–4 (19 ref.)

LEARNING DISORDERS

Learning disabilities as a probable consequence of using chloride-deficient infant formula. Silver LB, et al. **J Pediatr** 1989 Jul;115(1):97–9

LECTINS

Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Langkilde NC, et al. **Cancer** 1989 Aug 15;64(4):849–53
Membrane IL-1: IL-1 alpha precursor binds to the plasma membrane via a lectin-like interaction. Brody DT, et al. **J Immunol** 1989 Aug 15;143(4):1183–7
IL-2, a lectin with specificity for high mannose glycopeptides. Sherblom AP, et al. **J Immunol** 1989 Aug 1;143(3):939–44

LEG

Digital venography of the lower extremity. Lee KR, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):413–7
Prediction of below-knee amputation wound healing using noninvasive laser Doppler velocimetry. Kram HB, et al. **Am J Surg** 1989 Jul;158(1):29–31
Acute lower limb ischemia [letter] Lancashire MJ, et al. **Br J Surg** 1989 May;76(5):526
Acute ischaemia of the upper limb compared with acute lower limb ischaemia; a 5-year review. Stonebridge PA, et al. **Br J Surg** 1989 May;76(5):515–6
Microvascular applications in limb sparing tumor surgery. Hausman M. **Orthop Clin North Am** 1989 Jul;20(3):427–37 (52 ref.)
Human leg neuromuscular diseases: P-31 MR spectroscopy. Bárány M, et al. **Radiology** 1989 Aug;172(2):503–8
Regional infusion of urokinase into occluded lower-extremity bypass grafts: long-term clinical results. Durham JD, et al. **Radiology** 1989 Jul;172(1):83–7
Percutaneous excimer-laser and excimer-laser-assisted angioplasty of the lower extremities: results of initial clinical trial. Litvack F, et al. **Radiology** 1989 Aug; 172(2):331–5
Low-speed rotational angioplasty in chronic peripheral artery occlusions: experience in 83 patients. Work in progress. Vallbracht C, et al. **Radiology** 1989 Aug; 172(2):327–30
Recanalization of total arterial occlusions with the Kensey dynamic angioplasty catheter. Wholey MH, et al. **Radiology** 1989 Jul;172(1):95–8
Atheromatous embolism: varied clinical presentation and prognosis. Jennings WC, et al. **South Med J** 1989 Jul; 82(7):849–52
Major amputation for advanced malignant melanoma. Jaques DP, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):1–6

LEG INJURIES

Early fasciotomy for acute clinically evident posttraumatic compartment syndrome. Lagerstrom CF, et al. **Am J Surg** 1989 Jul;158(1):36–9
Ununited lower limb fractures. Csongradi JJ, et al. **West J Med** 1989 Jun;150(6):675–80 (40 ref.)
Fracture nonunion [editorial] Gershuni DH. **West J Med** 1989 Jun;150(6):689–90

LEG LENGTH INEQUALITY

Effect of heel lifts on ground reaction force patterns in subjects with structural leg-length discrepancies. Schuit D, et al. **Phys Ther** 1989 Aug;69(8):663–70

LEG ULCER

Débriding properties of krill enzymes in necrotic leg ulcers [letter] Hellgren L, et al. **Arch Dermatol** 1989 Jul; 125(7):1006

LEGIONNAIRES' DISEASE

Nosocomial legionnaires disease in a children's hospital. Brady MT. **J Pediatr** 1989 Jul;115(1):46–50

LEGISLATION, FOOD

Revised school breakfast pattern finalized. **J Am Diet Assoc** 1989 Jul;89(7):910

LEGISLATION, HOSPITAL

Hospitals ready for OSHA worker-safety rules. Holthaus D. **Hospitals** 1989 Jul 5;63(13):50, 52
New medical waste law may wrongfully target hospitals. Holthaus D. **Hospitals** 1989 Jul 5;63(13):52

LEGISLATION, MEDICAL

Statutory approaches to limiting psychiatrists' liability for their patients' violent acts. Appelbaum PS, et al. **Am J Psychiatry** 1989 Jul;146(7):821–8
More laws for better medicine? [editorial] Gagné P. **Am J Psychiatry** 1989 Jul;146(7):819–20
1988—a landmark year for state AIDS legislation. **Am J Public Health** 1989 Aug;79(8):1005
AIDS triggers increase in state worker notification laws. **Am J Public Health** 1989 Aug;79(8):974
Court backs states on abortion [news] Marwick C. **JAMA** 1989 Jul 28;262(4):451–2

LEGISLATION, NURSING

Legal content in the nursing curriculum: what students need and how to provide it. Northrop CE. **Nurs Outlook** 1989 Jul-Aug;37(4):200

LEIOMYOMA

Leiomyoma of the ovary with ascites and hydrothorax. Nicoll JJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):177–8
Complication of triptorelin treatment for uterine myomas [letter] Ellenbogen A, et al. **Lancet** 1989 Jul 15; 2(8655):167–8

LEIOMYOSARCOMA

Sarcoma associated with pregnancy. Kyodo Y, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):94–6
Primary intracranial leiomyosarcoma. Case report. Louis DN, et al. **J Neurosurg** 1989 Aug;71(2):279–82

LEISHMANIA DONOVANI

Expression of the major surface glycoprotein of Leishmania donovani chagasi in virulent and attenuated promastigotes. Wilson ME, et al. **J Immunol** 1989 Jul 15;143(2):678–84

LEISHMANIA TROPICA

CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. Da Silva RP, et al. **J Immunol** 1989 Jul 15; 143(2):617–22

LEISHMANIASIS

CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. Da Silva RP, et al. **J Immunol** 1989 Jul 15; 143(2):617–22

LEISHMANIASIS, VISCERAL

Visceral leishmaniasis in patients infected with human immunodeficiency virus (HIV). Berenguer J, et al. **Ann Intern Med** 1989 Jul 15;111(2):129–32

LENGTH OF STAY

Effect of pre-existing disease on length of hospital stay in trauma patients. MacKenzie EJ, et al. **J Trauma** 1989 Jun; 29(6):757–64; discussion 764–5

LENS, CRYSTALLINE

Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Blankenship GW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):1–5
Technique for endocapsular insertion of an intraocular lens. Murube-del-Castillo J, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):87

LENSES, INTRAOCULAR

Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Blankenship GW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):1–5
Penetrating keratoplasty and intraocular lens exchange for pseudophakic bullous keratopathy associated with a closed-loop anterior chamber intraocular lens. Koenig SB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):43–8
Technique for endocapsular insertion of an intraocular lens. Murube-del-Castillo J, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):87
Impaired ophthalmoscopy and condensation on intraocular lens. Sappenfield D, et al. **Am J Ophthalmol** 1989 Jul 15; 108(1):88
Protective effects of viscous solutions in phacoemulsification and traumatic lens implantation. Glasser DB, et al. **Arch Ophthalmol** 1989 Jul;107(7):1047–51
Fixation of posterior chamber lenses by transscleral sutures: technique and preliminary results [letter] Grehn F, et al. **Arch Ophthalmol** 1989 Jul;107(7):954–5
Posterior chamber intraocular lens implantation in the absence of capsular support. Stark WJ, et al. **Arch Ophthalmol** 1989 Jul;107(7):1078–83

LEPROSY

Low intraocular pressure and postural changes in intraocular pressure in patients with Hansen's disease. Hussein N, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):80–3

LEUCINE

Leucine kinetics in surgical patients, I: A study of the effect of surgical 'stress'. Harrison RA, et al. **Br J Surg** 1989 May; 76(5):505–8
Leucine kinetics in surgical patients. II: A study of the effect of malignant disease and tumour burden. Harrison RA, et al. **Br J Surg** 1989 May;76(5):509–11
Effects of acute metabolic acidosis and alkalosis on leucine metabolism in conscious dogs. Rodriguez NR, et al. **Diabetes** 1989 Jul;38(7):847–53

LEUKEMIA

Long-term endocrine toxicity of myeloablative treatment

followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Keilholz U, et al. **Cancer** 1989 Aug 1;64(3):641–5
Reducing the cost of the cure in childhood leukemia [editorial; comment] Civin CI. **N Engl J Med** 1989 Jul 20; 321(3):185–7. **Comment on:**. **Comment on:** N Engl J Med 1989 Jul 20;321(3):136–42 N Engl J Med 1989 Jul 20;321(3):143–51

LEUKEMIA, B-CELL

Proposals for the classification of chronic (mature) B and T lymphoid leukaemias. French-American-British (FAB) Cooperative Group. Bennett JM, et al. **J Clin Pathol** 1989 Jun;42(6):567–84

LEUKEMIA, B-CELL, CHRONIC

Correlation of clinical outcome with the degree of surface immunoglobulin (sIg) expression in B-cell chronic lymphocytic leukemia. Tefferi A, et al. **Am J Clin Pathol** 1989 Jul;92(1):82–5

LEUKEMIA, HAIRY CELL

Recombinant beta-serine-interferon in hairy cell leukemia compared prospectively with results with recombinant alpha-interferon. Glaspy JA, et al. **Cancer** 1989 Jul 15; 64(2):409–13
Is there a direct differentiation-inducing effect of human recombinant interferon on hairy cell leukemia in vitro? Gressler VH, et al. **Cancer** 1989 Jul 15;64(2):374–8

LEUKEMIA L1210

Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. Chen JJ, et al. **J Immunol** 1989 Aug 1; 143(3):1053–7

LEUKEMIA, LYMPHOCYTIC, ACUTE

Thyroid function in children after treatment for acute lymphoblastic leukaemia [letter] Carter EP, et al. **Arch Dis Child** 1989 Apr;64(4):631
Vincristine treatment of acute lymphoblastic leukemia induces transient autonomic cardioneuropathy. Hirvonen HE, et al. **Cancer** 1989 Aug 15;64(4):801–5
Secondary acute myeloid leukemia in children treated for acute lymphoid leukemia [see comment] Pui CH, et al. **N Engl J Med** 1989 Jul 20;321(3):136–42. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7
Normal or early development of puberty despite gonadal damage in children treated for acute lymphoblastic leukemia [see comment] Quigley C, et al. **N Engl J Med** 1989 Jul 20;321(3):143–51. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7

LEUKEMIA, LYMPHOCYTIC, CHRONIC

A new combination chemotherapy for advanced chronic lymphocytic leukemia (vincristine, cyclophosphamide, melphalan, peptichemio, and prednisone protocol). Ferrara F, et al. **Cancer** 1989 Aug 15;64(4):789–92

LEUKEMIA-LYMPHOMA, T-CELL, ACUTE, HTLV-I-ASSOCIATED

Cancer superimposed on adult T-cell leukemia. Ono K, et al. **Cancer** 1989 Aug 1;64(3):635–40
Adult T-cell leukemia-lymphoma. Neely SM. **West J Med** 1989 May;150(5):557–61 (68 ref.)

LEUKEMIA, MYELOCYTIC, ACUTE

Myelodysplasia and acute leukemia following treatment for Hodgkin's disease [letter] McKenna RW, et al. **Am J Clin Pathol** 1989 Jul;92(1):127–8
Secondary acute myelocytic leukemia after adjuvant therapy for early-stage breast carcinoma. A new complication of cyclophosphamide, methotrexate, and 5-fluorouracil therapy. Geller RB, et al. **Cancer** 1989 Aug 1;64(3):629–34
Radon exposure and leukaemia [letter] Lucie NP. **Lancet** 1989 Jul 8;2(8654):99–100
Secondary acute myeloid leukemia in children treated for acute lymphoid leukemia [see comment] Pui CH, et al. **N Engl J Med** 1989 Jul 20;321(3):136–42. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7

LEUKEMIA, MYELOID, CHRONIC

Sequential development of polycythemia vera and chronic myelocytic leukemia in a patient following radiation exposure from nuclear weapons tests. Weinberg JB. **Am J Med** 1989 Jul;87(1):121–3

LEUKEMIA, MYELOMONOCYTIC, ACUTE

Bone marrow transplantation [clinical conference] Romond EH, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):169–70, 173, 176–81 passim

LEUKEMIA, NONLYMPHOCYTIC, ACUTE

Functional analysis of cytotoxic cells in patients with acute nonlymphoblastic leukemia in complete remission. Trentin L, et al. **Cancer** 1989 Aug 1;64(3):667–72
Environmental exposures in cytogenetically defined subsets of acute nonlymphocytic leukemia. Crane MM, et al. **JAMA** 1989 Aug 4;262(5):634–9

LEUKEMIA, PROMYELOCYTIC, ACUTE

Tranexamic acid for control of haemorrhage in acute promyelocytic leukaemia. Avvisati G, et al. **Lancet** 1989 Jul 15;2(8655):122–4

LEUKEMIA, RADIATION-INDUCED

Sequential development of polycythemia vera and chronic myelocytic leukemia in a patient following radiation exposure from nuclear weapons tests. Weinberg JB. **Am J Med** 1989 Jul;87(1):121–3
Radon exposure and leukaemia [letter] Lucie NP. **Lancet** 1989 Jul 8;2(8654):99–100

LEUKEMIA, T-CELL

Proposals for the classification of chronic (mature) B and T lymphoid leukaemias. French-American-British (FAB) Cooperative Group. Bennett JM, et al. **J Clin Pathol** 1989 Jun;42(6):567–84
T cell receptor delta gene organization and expression in normal and leukemic natural killer cells. Biondi A, et al. **J Immunol** 1989 Aug 1;143(3):1009–14
Biochemical analysis of a novel H-2 class I-like glycoprotein expressed in five AKR-(Gross virus) derived spontaneous T cell leukemias. Labeta MO, et al. **J Immunol** 1989 Aug 15;143(4):1245–53
Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. Marano N, et al. **J Immunol** 1989 Aug 1;143(3):931–8
Phenotype and function of Japanese adult T-cell leukaemia cells [letter] Imamura N, et al. **Lancet** 1989 Jul 22; 2(8656):214

LEUKEMIA, T-CELL, ACUTE

A case of CD3+, CD4-, CD8-, WT31- acute T-cell leukemia. Sunisloe LL, et al. **Am J Clin Pathol** 1989 Jul; 92(1):115–9

LEUKOCYTES

A Venn diagram model that allows triple-label immunophenotypic analysis of cells based upon double-label measurements. Wood GS. **Am J Clin Pathol** 1989 Jul;92(1):73–7
Glutamate dehydrogenase and aspartate aminotransferase in leukocytes of patients with motor neuron disease. Hugon J, et al. **Neurology** 1989 Jul;39(7):956–8

LEUKOCYTES, MONONUCLEAR

MX homologous protein in mononuclear cells from patients with systemic lupus erythematosus. von Wussow P, et al. **Arthritis Rheum** 1989 Jul;32(7):914–8
Functional analysis of cytotoxic cells in patients with acute nonlymphoblastic leukemia in complete remission. Trentin L, et al. **Cancer** 1989 Aug 1;64(3):667–72
Hepatic homing of mononuclear inflammatory cells isolated during murine chronic graft-vs-host disease. Howell CD, et al. **J Immunol** 1989 Jul 15;143(2):476–83
Induction of endogenous cytokine-mRNA in circulating peripheral blood mononuclear cells by IL-2 administration to cancer patients. Kasid A, et al. **J Immunol** 1989 Jul 15; 143(2):736–9

LEUKOPENIA

Disseminated Trichosporon beigelii infection after orthotopic liver transplantation. Ness MJ, et al. **Am J Clin Pathol** 1989 Jul;92(1):119–23
Profound leucopenia with Salazopyrin EN [letter] Ridley MG, et al. **Br J Rheumatol** 1989 Aug;28(4):364–5

LEUKOPLAKIA, ORAL

Treatment of oral leukoplakia with topical bleomycin. A pilot study. Wong F, et al. **Cancer** 1989 Jul 15;64(2):361–5

LEUKOTRIENES

Lipoxygenase metabolites in the rat gastric microvascular response to intragastric ethanol. Yonei Y, et al. **Gastroenterology** 1989 Aug;97(2):304–12

LEUKOTRIENES B

Airway responsiveness to histamine and leukotriene E4 in subjects with aspirin-induced asthma. Arm JP, et al. **Am Rev Respir Dis** 1989 Jul;140(1):148–53

LEVAMISOLE

From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184

LEVODOPA

Reversibility of upper airway obstruction after levodopa therapy in Parkinson's disease. Vincken WG, et al. **Chest** 1989 Jul;96(1):210–2
Jejunal delivery of levodopa methyl ester [letter] Ruggieri S, et al. **Lancet** 1989 Jul 1;2(8653):45–6
Continuous levodopa infusions to treat complex dystonia in Parkinson's disease. Sage JI, et al. **Neurology** 1989 Jul; 39(7):888–91

LEWIS BLOOD-GROUP SYSTEM

Differential expression of the Lewis Y antigen defined by monoclonal antibody C14/1/46/10 in colonic polyps. Waldock A, et al. **Cancer** 1989 Jul 15;64(2):414–21
Lewis negative genotype and breast cancer risk [letter] Petrakis NL, et al. **Lancet** 1989 Jul 1;2(8653):41
Lewis negative genotype and breast cancer risk [letter] Rowe GP, et al. **Lancet** 1989 Jul 22;2(8656):227–8

LEYDIG CELLS

The involvement of Leydig cells in the regulation of inhibin secretion by the testis. Drummond AE, et al. **Endocrinology** 1989 Jul;125(1):510–5

LH

Reversible impairment of gonadotropin secretion in critical illness. Observations in postmenopausal women. Gebhart SS, et al. **Arch Intern Med** 1989 Jul;149(7):1637–41
Endogenous opioid regulation of pulsatile luteinizing hormone secretion during sexual maturation in the female sheep. Ebling FJ, et al. **Endocrinology** 1989 Jul; 125(1):369–83
Free fatty acids suppress growth hormone, but not luteinizing hormone, secretion in sheep. Estienne MJ, et al. **Endocrinology** 1989 Jul;125(1):85–91
Inhibitory effects of interleukin-1 on luteinizing hormone-stimulated adenosine 3',5'-monophosphate accumulation by cultured porcine granulosa cells. Fukuoka M, et al. **Endocrinology** 1989 Jul;125(1):136–43
Neuropeptide-Y suppresses pulsatile secretion of luteinizing hormone in ovariectomized rats: possible site of action. McDonald JK, et al. **Endocrinology** 1989 Jul;125(1):186–91

LH-FSH RELEASING HORMONE

Different gamma-aminobutyric acid receptor subtypes are involved in the regulation of opiate-dependent and independent luteinizing hormone-releasing hormone secretion. Masotto C, et al. **Endocrinology** 1989 Jul; 125(1):548–53
In vivo release of luteinizing hormone releasing hormone increases with puberty in the female rhesus monkey. Watanabe G, et al. **Endocrinology** 1989 Jul;125(1):92–9
Testosterone selectively influences protein kinase-C-coupled secretion of proluteinizing hormone-releasing hormone-derived peptides. Wetsel WC, et al. **Endocrinology** 1989 Jul;125(1):538–47
Six-year results of luteinizing hormone releasing hormone (LHRH) agonist treatment in children with LHRH-dependent precocious puberty. Manasco PK, et al. **J Pediatr** 1989 Jul;115(1):105–8
Adolescent varicocele: objective indications for treatment. Kass EJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):579–82; discussion 603–5
Complication of triptorelin treatment for uterine myomas [letter] Ellenbogen A, et al. **Lancet** 1989 Jul 15; 2(8655):167–8
Adverse effect of tamoxifen with LHRH agonist on oestrogen-receptor-negative mammary carcinoma [letter] Szende B, et al. **Lancet** 1989 Jul 22;2(8656):222–3

LIDOCAINE

Penile block via the subpubic space in 100 children. Dalens B, et al. **Anesth Analg** 1989 Jul;69(1):907–11
Interaction of lidocaine and hypothermia in Bier blocks in volunteers. Heavner JE, et al. **Anesth Analg** 1989 Jul; 69(1):919–25
Adverse effects of maternally administered lidocaine on the asphyxiated preterm fetal lamb. Morishima HO, et al. **Anesthesiology** 1989 Jul;71(1):110–5
Lidocaine in treatment of hypoxia [letter] Amyes EW. **J Neurosurg** 1989 Jul;71(1):153–4
Topical skin anesthesia for venous, subcutaneous drug reservoir and lumbar punctures in children. Halperin DL, et al. **Pediatrics** 1989 Aug;84(2):281–4

LIFE CHANGE EVENTS

Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Chuang HT, et al. **Am J Psychiatry** 1989 Jul;146(7):876–80

LIFE EXPECTANCY

Life expectancies: population or person? [letter] Silver AL, et al. **Ann Intern Med** 1989 Aug 1;111(3):257–8
Survival and causes of death in thalassaemia major. Zurlo MG, et al. **Lancet** 1989 Jul 1;2(8653):27–30

LIFE STYLE

The external costs of a sedentary life-style. Keeler EB, et al. **Am J Public Health** 1989 Aug;79(8):975–81
Chronic disease among Seventh-day Adventists, a low-risk group. Rationale, methodology, and description of the population. Beeson WL, et al. **Cancer** 1989 Aug 1; 64(3):570–81
Cohort study of diet, lifestyle, and prostate cancer in Adventist men. Mills PK, et al. **Cancer** 1989 Aug 1; 64(3):598–604

LIFE SUPPORT CARE

Obeying the Stanford "concept of proportionality?" [letter] Ducharme HM, et al. **Crit Care Med** 1989 Jul;17(7):711–2
When did "do not resuscitate" mean "do not care"? Fowler MD. **Heart Lung** 1989 Jul;18(4):424–5
Critical care units [letter] Robinson K. **Heart Lung** 1989 Jul; 18(4):430
A proposal concerning decisions to forgo life-sustaining treatment for young people. Leikin S. **J Pediatr** 1989 Jul; 115(1):17–22

LIGAMENTS

Pituitary-containing benign cystic teratoma arising from the uterosacral ligament. Heller DS, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):802–4
Exophytic spread of hepatobiliary disease via perihepatic ligaments: demonstration with CT and US. Mori H, et al. **Radiology** 1989 Jul;172(1):41–6

LIGAMENTS, ARTICULAR

Vascularized patella tendon anterior cruciate ligament reconstruction. Arendt EA, et al. **Clin Orthop** 1989 Jul; (244):222–32
Knees with cruciate ligament insufficiencies in a sports injury clinic [letter] al-Duri Z. **Clin Orthop** 1989 Jul;(244):309
Instrumented measurements of laxity in patients who have a Gore-Tex anterior cruciate-ligament substitute. Markolf KL, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):887–93
Foramen magnum syndrome from pseudogout of the atlanto-occipital ligament. Case report. Ciricillo SF, et al. **J Neurosurg** 1989 Jul;71(1):141–3

LIGANDS

Imaging of brain tumors using peripheral benzodiazepine receptor ligands. Black KL, et al. **J Neurosurg** 1989 Jul; 71(1):113–8

LIGASES

Two siblings with biotin-resistant 3-methylcrotonyl-coenzyme A carboxylase deficiency. Tsai MY, et al. **J Pediatr** 1989 Jul;115(1):110–3

LIGHT

Prenatal photoperiod influences neonatal prolactin secretion in the sheep. Ebling FJ, et al. **Endocrinology** 1989 Jul; 125(1):384–91

LIGHT COAGULATION

High grade entrance and exit block in an area of healed myocardial infarction associated with ventricular tachycardia with successful laser photoablation of the anatomic substrate. Littmann L, et al. **Am J Cardiol** 1989 Jul 1;64(1):122–4
Bilateral subretinal neovascularization after focal argon laser photocoagulation for diabetic macular edema. Berger AR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):88–90
Partial ablation of neovascular membranes involving the fovea [letter] Tornambe PE, et al. **Arch Ophthalmol** 1989 Jul;107(7):955–6
Gastric ulcer healing after laser treatment in dogs. Marcuard SP, et al. **Dig Dis Sci** 1989 Jul;34(7):1053–6
Laser welding of pedicled flap skin tubes. Mininberg DT, et al. **J Urol** 1989 Aug;142(2 Pt 2):623–5; discussion 631

LINKAGE (GENETICS)

Characterization of the class I HLA 9.2-kb PVU II restriction fragment length polymorphism. Linkage to HLA-A and lack of disease association. Ahearn JM Jr, et al. **Arthritis Rheum** 1989 Jul;32(7):870–6
From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1989 Jul 21; 262(3):331
Linkage analysis in familial amyotrophic lateral sclerosis. Siddique T, et al. **Neurology** 1989 Jul;39(7):919–25

LINOLENIC ACIDS

Prostaglandin E precursor fatty acids inhibit human IL-2 production by a prostaglandin E-independent mechanism. Santoli D, et al. **J Immunol** 1989 Aug 15;143(4):1303–9

LIPASE

Extrapancreatic lipases [letter] DeNigris SJ. **Gastroenterology** 1989 Aug;97(2):551–2

LIPECTOMY

Transoral submental lipectomy: an adjunct to orthognathic surgery. Epker BN, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):795–803

LIPID PEROXIDATION

Increased lipid peroxidation in malignant tissues of patients with colorectal cancer. Otamiri T, et al. **Cancer** 1989 Jul 15;64(2):422–5

LIPIDS

Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Edington JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):58–62
Use of an expanded-whole-wheat product in the reduction of body weight and serum lipids in obese females. Fordyce-Baum MK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):30–6
Polycyclic aromatic hydrocarbon (PAH) residues on skin in relation to air levels among roofers. Wolff MS, et al. **Arch Environ Health** 1989 May-Jun;44(3):157–63
Central retinal vein obstruction with lipid exudate. Brown GC. **Arch Ophthalmol** 1989 Jul;107(7):1001–5
Cigarette smoking and serum lipid and lipoprotein concentrations [letter] Cade J, et al. **BMJ** 1989 May 13; 298(6683):1312
Multiple cytokines stimulate hepatic lipid synthesis in vivo. Feingold KR, et al. **Endocrinology** 1989 Jul;125(1):267–74

LIPOCHONDRODYSTROPHY

Mucopolysaccharidosis I presenting with endocardial fibroelastosis of infancy. Stephan MJ, et al. **Am J Dis Child** 1989 Jul;143(7):782–4

LIPOLYSIS

Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. Chipkin SR, et al. **Endocrinology** 1989 Jul;125(1):450–8

LIPOPOLYSACCHARIDES

Reactive oxygen species facilitate the in vitro and in vivo lipopolysaccharide-induced release of tumor necrosis factor. Chaudhri G, et al. **J Immunol** 1989 Aug 15; 143(4):1290–4
Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. Santamaria P, et al. **J Immunol** 1989 Aug 1; 143(3):913–22
Hypoxia and endotoxin induce macrophage-mediated suppression of fibroblast proliferation. Bankey P, et al. **J Trauma** 1989 Jul;29(7):972–9; discussion 979–80
The immunosuppressive effects of the in vivo administration of endotoxin as influenced by macrophages. Ogle CK, et al. **J Trauma** 1989 Jul;29(7):1015–20

LIPOPROTEIN LIPASE

Effect of feeding and obesity on lipoprotein lipase activity, immunoreactive protein, and messenger RNA levels in human adipose tissue. Ong JM, et al. **J Clin Invest** 1989 Jul;84(1):305–11

LIPOPROTEINS

Cigarette smoking and serum lipid and lipoprotein concentrations [letter] Cade J, et al. **BMJ** 1989 May 13; 298(6683):1312
Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. Pollare T, et al. **BMJ** 1989 Apr 29; 298(6681):1152–7

LIPOPROTEINS, HDL

Cholesterol and apolipoprotein distribution in plasma high-density-lipoprotein subclasses from zinc-deficient rats. Koo SI, et al. **Am J Clin Nutr** 1989 Jul;50(1):73–9
Sequential expression of high and low density lipoprotein receptors in differentiating fetal rat adrenocortical cells in primary culture. Kahri AI, et al. **Endocrinology** 1989 Jul; 125(1):68–75
Monoclonal antibody inhibition of cholesteryl ester transfer protein activity in the rabbit. Effects on lipoprotein composition and high density lipoprotein cholesteryl ester metabolism. Whitlock ME, et al. **J Clin Invest** 1989 Jul; 84(1):129–37

LIPOPROTEINS, HDL CHOLESTEROL

Sex hormones and lipoproteins in men. Kiel DP, et al. **Am J Med** 1989 Jul;87(1):35–9
Elevated high density lipoprotein cholesterol levels correlate with decreased apolipoprotein A-I and A-II fractional catabolic rate in women. Brinton EA, et al. **J Clin Invest** 1989 Jul;84(1):262–9

LIPOPROTEINS, LDL

Sequential expression of high and low density lipoprotein receptors in differentiating fetal rat adrenocortical cells in primary culture. Kahri AI, et al. **Endocrinology** 1989 Jul; 125(1):68–75

LIPOPROTEINS, LDL CHOLESTEROL

Mechanisms by which saturated triacylglycerols elevate the plasma low density lipoprotein-cholesterol concentration in hamsters. Differential effects of fatty acid chain length. Woollett LA, et al. **J Clin Invest** 1989 Jul;84(1):119–28

LIPOSOMES

Liposome-associated tumor necrosis factor retains bioactivity in the presence of neutralizing anti-tumor necrosis factor antibodies. Debs RJ, et al. **J Immunol** 1989 Aug 15; 143(4):1192–7

LIPOXYGENASES

Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. **J Immunol** 1989 Aug 1;143(3):964–70

LISTERIA INFECTIONS

Surveillance of listeriosis in Los Angeles County, 1985–1986. A first year's report. Mascola L, et al. **Arch Intern Med** 1989 Jul;149(7):1569–72
Listeriosis in the setting of malignant disease. Changing issues in an unusual infection. Hantel A, et al. **Cancer** 1989 Jul 15;64(2):516–20

LITHIUM

Alternatives to lithium for preventive treatment of bipolar disorder. Prien RF, et al. **Am J Psychiatry** 1989 Jul; 146(7):840–8 (106 ref.)
Lithium for zidovudine-induced neutropenia in AIDS [letter] Nathwani D, et al. **JAMA** 1989 Aug 11;262(6):775–6

LITHOTRIPSY

The current status of biliary lithotripsy: a survey of members of the Society of Gastrointestinal Radiologists. Bova JG. **AJR Am J Roentgenol** 1989 Aug;153(2):291–2
Percutaneous ultrasonic lithotripsy and endoscopic removal of retained intrahepatic stone [letter] Hoe J, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):428–9
Walter B. Cannon lecture. Shock-wave lithotripsy of gallstones. Paumgartner G. **AJR Am J Roentgenol** 1989 Aug;153(2):235–42
Heart synchronized ventilation during extracorporeal shock wave lithotripsy [letter] Segal E, et al. **Anesth Analg** 1989 Jul;69(1):1005
The surgeon and biliary lithotripsy [editorial] Nahrwold DL. **Arch Surg** 1989 Jul;124(7):769–70
Use of external shock-wave lithotripsy and adjuvant ursodiol for treatment of radiolucent gallstones. A national multicenter study. Burnett D, et al. **Dig Dis Sci** 1989 Jul; 34(7):1011–5
Fragmentation of biliary calculi by means of extracorporeally generated piezoelectric shock waves. Ell C, et al. **Dig Dis Sci** 1989 Jul;34(7):1006–10
Who should conduct extracorporeal shock-wave biliary lithotripsy studies? Ertan A, et al. **Dig Dis Sci** 1989 Jul; 34(7):996–8
The physics and mechanics of lithotripters. Lubock P. **Dig Dis Sci** 1989 Jul;34(7):999–1005 (14 ref.)
Shock-wave therapy of gastric outlet syndrome caused by a gallstone. Holl J, et al. **Gastroenterology** 1989 Aug; 97(2):472–4
Gallstone disappearance after extracorporeal lithotripsy and oral bile acid dissolution. Ponchon T, et al. **Gastroenterology** 1989 Aug;97(2):457–63
Clinical trials of gallstone lithotripsy. Adwers JR. **Hosp Pract [Off]** 1989 Jul 15;24(7):83–90 (14 ref.)
The role of open stone surgery since extracorporeal shock wave lithotripsy. Assimos DG, et al. **J Urol** 1989 Aug;142(2):263–7
Acoustic and plasma guided lasertripsy (APGL) of urinary calculi. Bhatta KM, et al. **J Urol** 1989 Aug;142(2):433–7
Caliceal colic: fact or fiction. Fernandez JA, et al.

J Urol 1989 Aug;142(2):257–8
Short-term changes of laboratory values after extracorporeal shock wave lithotripsy: a comparative study. Haupt G, et al. J Urol 1989 Aug;142(2):259–62
Piezoelectric extracorporeal shock wave lithotripsy in children. Marberger M, et al. J Urol 1989 Aug;142(2):349–52
Long-term results of extracorporeal shock wave lithotripsy in children. Nijman RJ, et al. J Urol 1989 Aug;142(2 Pt 2):609–11; discussion 619
Extracorporeal shockwave lithotripsy of salivary gland stones [letter] Iro H, et al. Lancet 1989 Jul 8;2(8654):115
Evaluating gallbladder lithotripsy [letter] Milner PC, et al. Lancet 1989 Jul 1;2(8653):51
Gallbladder lithotripsy. Steinberg HV, et al. Radiology 1989 Jul;172(1):7–11

LIVER

Long-term effects of amiodarone on hepatic function. Robinson K, et al. Am J Cardiol 1989 Jul 1;64(1):95–6
Assessment of tissue iron overload by nuclear magnetic resonance imaging. Johnston DL, et al. Am J Med 1989 Jul;87(1):40–7
Fetal liver length in normal and isoimmunized pregnancies. Roberts AB, et al. Am J Obstet Gynecol 1989 Jul; 161(1):42–6
Primary sclerosing cholangitis associated with liver atrophy. Hadjis NS, et al. Am J Surg 1989 Jul;158(1):43–7
Biliary tract complications in orthotopic adult liver transplantation. Wilson BJ, et al. Am J Surg 1989 Jul; 158(1):68–70
Detection of yellow fever viral RNA by nucleic acid hybridization and viral antigen by immunocytochemistry in fixed human liver. Monath TP, et al. Am J Trop Med Hyg 1989 Jun;40(6):663–8
Intraoperative coagulation changes in children undergoing liver transplantation. Kang Y, et al. Anesthesiology 1989 Jul;71(1):44–7
A patient with seropositive rheumatoid arthritis. Capell H. Br J Rheumatol 1989 Aug;28(4):340
Hepatic trauma revisited. Feliciano DV, et al. Curr Probl Surg 1989 Jul;26(7):453–524 (188 ref.)
Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. Endocrinology 1989 Jul; 125(1):459–68
Multiple cytokines stimulate hepatic lipid synthesis in vivo. Feingold KR, et al. Endocrinology 1989 Jul;125(1):267–74
Metabolism of triiodothyroacetic acid (TA3) in rat liver. I. Deiodination of TA3 and TA3 sulfate by microsomes. Rutgers M, et al. Endocrinology 1989 Jul;125(1):424–32
Metabolism of triiodothyroacetic acid (TA3) in rat liver. II. Deiodination and conjugation of TA3 by rat hepatocytes and in rats in vivo. Rutgers M, et al. Endocrinology 1989 Jul;125(1):433–43
Differences in the developmental patterns of somatotrophic and lactogenic receptors in rabbit liver cytosol. Ymer SI, et al. Endocrinology 1989 Jul;125(1):516–23
Patterns of leukocyte chemotaxis to bile after liver transplantation. Adams DH, et al. Gastroenterology 1989 Aug;97(2):433–8
Hemostasis in liver transplantation. Porte RJ, et al. Gastroenterology 1989 Aug;97(2):488–501 (119 ref.)
Bicarbonate-dependent and -independent intracellular pH regulatory mechanisms in rat hepatocytes. Evidence for Na+-HCO3- cotransport. Gleeson D, et al. J Clin Invest 1989 Jul;84(1):312–21
Age-dependence of the lateral mobility of proteins in the plasma membrane of hepatocytes of C57BL/6 mice: FRAP studies on liver smears. Zs.-Nagy I, et al. J Gerontol 1989 Jul;44(4):B83–7
Hepatic homing of mononuclear inflammatory cells isolated during murine chronic graft-vs-host disease. Howell CD, et al. J Immunol 1989 Jul 15;143(2):476–83
Dual action of anti-sporozoite antibodies in vitro. Nudelman S, et al. J Immunol 1989 Aug 1;143(3):996–1000
Endotoxaemia, pulmonary complications, and thrombocytopenia in liver transplantation. Miyata T, et al. Lancet 1989 Jul 22;2(8656):189–91
Wilson's disease patients can be decoppered [letter] Walshe JM. Lancet 1989 Jul 22;2(8656):228
Cyclosporine: a review and its specific use in liver transplantation. de Groen PC. Mayo Clin Proc 1989 Jun; 64(6):680–9 (151 ref.)
Application of the Mayo primary biliary cirrhosis survival model to Mayo liver transplant patients. Grambsch PM, et al. Mayo Clin Proc 1989 Jun;64(6):699–704
Organ donation—are we moving in the right direction? Krom RA. Mayo Clin Proc 1989 Jun;64(6):705–7
Classification and terminology of hepatic allograft rejection: whither bound? Ludwig J. Mayo Clin Proc 1989 Jun; 64(6):676–9
Role of the nurse in the multidisciplinary team approach to care of liver transplant patients. Overman JA, et al. Mayo Clin Proc 1989 Jun;64(6):690–8
Rapid shell vial culture and tissue histology compared with serology for the rapid diagnosis of cytomegalovirus infection in liver transplantation. Paya CV, et al. Mayo Clin Proc 1989 Jun;64(6):670–5
Reversal of hyperglobulinemia after orthotopic liver transplantation [letter] Yanaga K, et al. N Engl J Med 1989 Aug 10;321(6):399
Cirrhosis: diagnosis with sonographic study of the liver surface. Di Lelio A, et al. Radiology 1989 Aug; 172(2):389–92
Budd-Chiari syndrome [letter] Halkar RK. Radiology 1989 Aug;172(2):580
A new method? [letter] Caine R. Surgery 1989 Jul;106(1):114

LIVER ABSCESS

Use of the cluster sign in the diagnosis of small pyogenic hepatic abscesses [letter] Grant T, et al. AJR Am J Roentgenol 1989 Aug;153(2):429–30

LIVER ABSCESS, AMEBIC

A comparative evaluation of percutaneous catheter drainage for resistant amebic liver abscesses. Singh JP, et al. Am J Surg 1989 Jul;158(1):58–62

LIVER CIRRHOSIS

Intraoperative ultrasonography in resection of small hepatocellular carcinoma associated with cirrhosis. Nagasue N, et al. Am J Surg 1989 Jul;158(1):40–2
Relationship between cirrhosis, liver cancer, and hepatic metastases. An autopsy study. Melato M, et al. Cancer 1989 Jul 15;64(2):455–9
Prognosis of patients with cirrhosis and chronic liver disease in the medical intensive care unit [letter] Grundler WG. Crit Care Med 1989 Jul;17(7):710
Cirrhosis: diagnosis with sonographic study of the liver surface. Di Lelio A, et al. Radiology 1989 Aug; 172(2):389–92
Atraumatic hemobilia arising from a cirrhotic liver. Merrell SW, et al. Surgery 1989 Jul;106(1):105–9

LIVER CIRRHOSIS, BILIARY

Application of the Mayo primary biliary cirrhosis survival model to Mayo liver transplant patients. Grambsch PM, et al. Mayo Clin Proc 1989 Jun;64(6):699–704

LIVER CIRRHOSIS, EXPERIMENTAL

Persistence of hepatic fibrosis and tissue eggs following treatment of Schistosoma japonicum infected mice. Cheever AW, et al. Am J Trop Med Hyg 1989 Jun; 40(6):620–8

LIVER DISEASES

Fulminant hepatic failure after ingestion of sustained-release nicotinic acid. Mullin GE, et al. Ann Intern Med 1989 Aug 1;111(3):253–5
Early indicators of prognosis in fulminant hepatic failure. O'Grady JG, et al. Gastroenterology 1989 Aug;97(2):439–45
Exophytic spread of hepatobiliary disease via perihepatic ligaments: demonstration with CT and US. Mori H, et al. Radiology 1989 Jul;172(1):41–6
Risk factors before hepatectomy, hepatic function after hepatectomy and computed tomographic changes as indicators of mortality from hepatic failure. Didolkar MS, et al. Surg Gynecol Obstet 1989 Jul;169(1):17–26

LIVER NEOPLASMS

Sonographically guided percutaneous injection of ethanol for treatment of hepatocellular carcinoma: value of Gelfoam to mark the lesion [letter] Shiina S, et al. AJR Am J Roentgenol 1989 Aug;153(2):430
Hepatoblastoma in an adult with metastasis to the ovaries. Green LK, et al. Am J Clin Pathol 1989 Jul;92(1):110–5
Intraoperative ultrasonography in resection of small hepatocellular carcinoma associated with cirrhosis. Nagasue N, et al. Am J Surg 1989 Jul;158(1):40–2
Spontaneous ruptured hepatocellular carcinoma. An appraisal of surgical treatment. Lai EC, et al. Ann Surg 1989 Jul;210(1):24–8
The value of immunoscintigraphy for the operative retreatment of colorectal cancer. Limitations of a new diagnostic method. Hölting T, et al. Cancer 1989 Aug 15; 64(4):830–3
Relationship between cirrhosis, liver cancer, and hepatic metastases. An autopsy study. Melato M, et al. Cancer 1989 Jul 15;64(2):455–9
Regional chemotherapy for hepatic metastases of colorectal carcinoma (continuous intraarterial versus continuous intraarterial/intravenous therapy). Results of a controlled clinical trial. Safi F, et al. Cancer 1989 Jul 15;64(2):379–87
Infantile hepatic hemangiomas. Clinical features, radiologic investigations, and treatment of 20 patients. Stanley P, et al. Cancer 1989 Aug 15;64(4):936–49
Surgery of small hepatocellular carcinoma. Analysis of 144 cases. Tang ZY, et al. Cancer 1989 Jul 15;64(2):536–41
Hepatocyte-stimulating factor III shares structural and functional identity with leukemia-inhibitory factor. Baumann H, et al. J Immunol 1989 Aug 15;143(4):1163–7
Hepatic tumors: comparison of CT during arterial portography, delayed CT, and MR imaging for preoperative evaluation. Nelson RC, et al. Radiology 1989 Jul;172(1):27–34
Risk factors before hepatectomy, hepatic function after hepatectomy and computed tomographic changes as indicators of mortality from hepatic failure. Didolkar MS, et al. Surg Gynecol Obstet 1989 Jul;169(1):17–26
A useful maneuver for hepatic arterial catheterization in patients with metastatic hepatic disease and abnormal vascular anatomy. Goldberg JA, et al. Surg Gynecol Obstet 1989 Jul;169(1):71–2
Adverse effects of preoperative hepatic artery chemoembolization for resectable hepatocellular carcinoma: a retrospective comparison of 138 liver resections. Nagasue N, et al. Surgery 1989 Jul;106(1):81–6

LIVER NEOPLASMS, EXPERIMENTAL

Prevention of prostate cancer and liver tumors in L-W rats by moderate dietary restriction. Pollard M, et al. Cancer 1989 Aug 1;64(3):686–90
Superparamagnetic iron oxide-enhanced MR imaging: pulse sequence optimization for detection of liver cancer. Fretz CJ, et al. Radiology 1989 Aug;172(2):393–7

LONGITUDINAL STUDIES

Re-examination of longitudinal studies of workers [editorial] Kilburn KH. Arch Environ Health 1989 May-Jun; 44(3):132–3
Longitudinal studies as intervention. Collins C, et al. Nurs Res 1989 Jul-Aug;38(4):251–3

LORAZEPAM

Haloperidol and lorazepam for the treatment of nausea and vomiting associated with the treatment of intractable migraine headaches [letter] Backonja M, et al. Arch Neurol 1989 Jul;46(7):724
Disposition of lorazepam in human beings: enterohepatic recirculation and first-pass effect. Herman RJ, et al. Clin Pharmacol Ther 1989 Jul;46(1):18–25
Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. Marshall G, et al. J Pediatr 1989 Jul;115(1):156–60

LORDOSIS

Anterior Zielke instrumentation for spinal deformity in adults. Kostuik JP, et al. J Bone Joint Surg [Am] 1989 Jul; 71(6):898–912
Stiff-man syndrome updated. Lorish TR, et al. Mayo Clin Proc 1989 Jun;64(6):629–36 (26 ref.)

LUMBAR VERTEBRAE

Vertebral bone density in Scheuermann disease. Gilsanz V, et al. J Bone Joint Surg [Am] 1989 Jul;71(6):894–7

LUNG

CT features of rounded atelectasis. McHugh K, et al. AJR Am J Roentgenol 1989 Aug;153(2):257–60
Bronchiolitis obliterans in heart-lung transplantation patients: radiologic findings in 11 patients. Skeens JL, et al. AJR Am J Roentgenol 1989 Aug;153(2):253–6
Radiological case of the month. Traumatic pulmonary pseudocyst. Co MA, et al. Am J Dis Child 1989 Jul; 143(7):841–2
Lung rejection and bronchial hyperresponsiveness to methacholine and ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. Am Rev Respir Dis 1989 Jul;140(1):52–7
The cough response to ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. Am Rev Respir Dis 1989 Jul;140(1):58–61
The pulmonary clearance of smooth and rough strains of Pseudomonas aeruginosa. Martin HG, et al. Am Rev Respir Dis 1989 Jul;140(1):206–10
The radiographic appearances of infection and acute rejection of the lung after heart-lung transplantation. Millet B, et al. Am Rev Respir Dis 1989 Jul;140(1):62–7
The relationship between longitudinal change in pulmonary function and nonspecific airway responsiveness in children and young adults. Redline S, et al. Am Rev Respir Dis 1989 Jul;140(1):179–84
Ventilation and breathing pattern during progressive hypercapnia and hypoxia after human heart-lung transplantation. Sanders MH, et al. Am Rev Respir Dis 1989 Jul;140(1):38–44
Breathing during wakefulness and sleep after human heart-lung transplantation. Sanders MH, et al. Am Rev Respir Dis 1989 Jul;140(1):45–51
Guidelines for percutaneous transthoracic needle biopsy. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Sokolowski JW Jr, et al. Am Rev Respir Dis 1989 Jul; 140(1):255–6
Evaluation of lung mechanics in rabbits using short duration flow pulses. Sullivan KJ, et al. Am Rev Respir Dis 1989 Jul;140(1):17–24

Reconstitution of tubular myelin from synthetic lipids and proteins associated with pig pulmonary surfactant. Suzuki Y, et al. **Am Rev Respir Dis** 1989 Jul;140(1):75–81
Effect of propranolol on the first pass uptake of fentanyl in the human and rat lung. Roerig DL, et al. **Anesthesiology** 1989 Jul;71(1):62–8
Anti-neutrophil-elastase defenses of the lower respiratory tract in alpha 1-antitrypsin deficiency directly augmented with an aerosol of alpha 1-antitrypsin. Hubbard RC, et al. **Ann Intern Med** 1989 Aug 1;111(3):206–12
Emergency lung biopsy in immunocompromised pediatric patients. Foglia RP, et al. **Ann Surg** 1989 Jul;210(1):90–2
Respiratory disease and lung function in a tobacco industry. Kjaergaard SK, et al. **Arch Environ Health** 1989 May-Jun; 44(3):164–70
Spontaneous abrupt changes in the distribution of ventilation: a cause for apparent mismatching on ventilation/perfusion scintigraphy. Peters AM, et al. **Br J Radiol** 1989 Jun; 62(738):536–43
Gallium lung scanning and bronchoalveolar lavage in crocidolite-exposed workers. Hayes AA, et al. **Chest** 1989 Jul;96(1):22–6
Poorly differentiated and undifferentiated lung tumors. Mackay B. **Chest** 1989 Jul;96(1 Suppl):38S–39S
The effects of acute hypoxia and hypercapnia on pulmonary mechanics in normal subjects and patients with chronic pulmonary disease. Parsons PE, et al. **Chest** 1989 Jul; 96(1):96–101
Influence of the extracellular matrix on type 2 cell differentiation. Rannels DE, et al. **Chest** 1989 Jul; 96(1):165–73 (78 ref.)
Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92–5
Indications for surgery based on lung biopsy in cases of ventricular septal defect and/or patent ductus arteriosus with severe pulmonary hypertension. Yamaki S, et al. **Chest** 1989 Jul;96(1):31–9
Hypoxic pulmonary vasoconstrictor response with asymmetric oleic acid injury in the dog. Johnston WE, et al. **Crit Care Med** 1989 Jul;17(7):647–51
Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. Haller RG, et al. **J Clin Invest** 1989 Jul;84(1):155–61
Thromboxane-mediated hypertension and vascular leakage evoked by low doses of Escherichia coli hemolysin in rabbit lungs. Seeger W, et al. **J Clin Invest** 1989 Jul;84(1):220–7
The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. Barton RW, et al. **J Immunol** 1989 Aug 15;143(4):1278–82
Successful extended hypothermic cardiopulmonary preservation for heart-lung transplantation. Bando K, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):137–45; discussion 145–6
Different effects of bleeding and soft-tissue trauma on pulmonary platelet trapping in pigs. Blomquist S, et al. **J Trauma** 1989 Jun;29(6):866–72
Pulmonary development in the fetal lamb with severe bladder outlet obstruction and oligohydramnios: a morphometric study. Docimo SG, et al. **J Urol** 1989 Aug;142(2 Pt 2):657–60; discussion 667–8
Offset electrocardiographic electrode simulating a pulmonary nodule on radiographs. Edwards ME, et al. **Radiology** 1989 Jul;172(1):281–2
Pulmonary embolism after hip or knee replacement: postoperative changes on pulmonary scintigrams in asymptomatic patients. Foley M, et al. **Radiology** 1989 Aug; 172(2):481–5
The lung inflammatory response to thermal injury: relationship between physiologic and histologic changes. Demling RH, et al. **Surgery** 1989 Jul;106(1):52–9

LUNG COMPLIANCE

Evaluation of lung mechanics in rabbits using short duration flow pulses. Sullivan KJ, et al. **Am Rev Respir Dis** 1989 Jul;140(1):17–24

LUNG DISEASES

Nodular bleomycin toxicity. Cohen MB, et al. **Am J Clin Pathol** 1989 Jul;92(1):101–4 (11 ref.)
Interleukin-2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Müller-Quernheim J, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):82–8
Firefighting acutely increases airway responsiveness. Sherman CB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):185–90
Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89–94
Clinical utility of bronchoalveolar lavage in a general hospital. Krieger B, et al. **Arch Intern Med** 1989 Jul; 149(7):1605–7
Spontaneous abrupt changes in the distribution of ventilation: a cause for apparent mismatching on ventilation/perfusion scintigraphy. Peters AM, et al. **Br J Radiol** 1989 Jun; 62(738):536–43
Nodular form of bleomycin-related pulmonary injury in patients with osteogenic sarcoma. Santrach PJ, et al. **Cancer** 1989 Aug 15;64(4):806–11 (33 ref.)
XVI World Congress on Diseases of the Chest. 55th annual scientific assembly of the American College of Chest Physicians. October 30–November 3, 1989, Boston. **Chest** 1989 Aug;96(2 Suppl):109S–300S
Sarcoidosis diagnosed in a patient with known HIV infection. Coots LE, et al. **Chest** 1989 Jul;96(1):201–2
A migratory infiltrate in a patient with hemoptysis and chest pain. Ghio AJ, et al. **Chest** 1989 Jul;96(1):195–6
Pulmonary hemorrhage in a cocaine abuser [letter] Walek JW, et al. **Chest** 1989 Jul;96(1):222
Risk factors for chronic lung disease in infants with birth weights of 751 to 1000 grams. Kraybill EN, et al. **J Pediatr** 1989 Jul;115(1):115–20
Endotoxaemia, pulmonary complications, and thrombocytopenia in liver transplantation. Miyata T, et al. **Lancet** 1989 Jul 22;2(8656):189–91
Smoking, anesthesia, and coronary bypass operation: a witches' cauldron? Gomez MN, et al. **Mayo Clin Proc** 1989 Jun;64(6):708–11
Role of preoperative cessation of smoking and other factors in postoperative pulmonary complications: a blinded prospective study of coronary artery bypass patients. Warner MA, et al. **Mayo Clin Proc** 1989 Jun;64(6):609–16
Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 31–1989. A three-month-old boy with bilateral interstitial lung disease. **N Engl J Med** 1989 Aug 3;321(5):309–16
Pulmonary infection after cardiac transplantation: clinical and radiologic correlations. Austin JH, et al. **Radiology** 1989 Jul;172(1):259–65
Pulmonary histiocytosis X: evaluation with high-resolution CT. Brauner MW, et al. **Radiology** 1989 Jul;172(1):255–8
Pulmonary sarcoidosis: evaluation with high-resolution CT. Brauner MW, et al. **Radiology** 1989 Aug;172(2):467–71
Pulmonary histiocytosis X: comparison of radiographic and CT findings. Moore AD, et al. **Radiology** 1989 Jul; 172(1):249–54

LUNG DISEASES, FUNGAL

Divergent patterns of pulmonary blastomycosis induced by conidia and yeasts in athymic and euthymic mice. Frey CL, et al. **Am Rev Respir Dis** 1989 Jul;140(1):118–24
Empyema associated with pulmonary sporotrichosis. Fields CL, et al. **South Med J** 1989 Jul;82(7):910–3

LUNG DISEASES, OBSTRUCTIVE

Pulmonary functional impairment from years of arc welding. Kilburn KH, et al. **Am J Med** 1989 Jul;87(1):62–9
The role of allergy and nonspecific airway hyperresponsiveness in the pathogenesis of chronic obstructive pulmonary disease. O'Connor GT, et al. **Am Rev Respir Dis** 1989 Jul;140(1):225–52 (227 ref.)
Longitudinal variability in airway responsiveness in a population-based sample of children and young adults. Intrinsic and extrinsic contributing factors. Redline S, et al. **Am Rev Respir Dis** 1989 Jul;140(1):172–8
Targeted inspiratory muscle training improves respiratory muscle function and reduces dyspnea in patients with chronic obstructive pulmonary disease. Harver A, et al. **Ann Intern Med** 1989 Jul 15;111(2):117–24
Aortic reconstruction in high-risk pulmonary patients. Robison JG, et al. **Ann Surg** 1989 Jul;210(1):112–7
Exercise responses during incremental and high intensity and low intensity steady state exercise in patients with obstructive lung disease and normal control subjects. Matthews JI, et al. **Chest** 1989 Jul;96(1):11–7
The effects of acute hypoxia and hypercapnia on pulmonary mechanics in normal subjects and patients with chronic pulmonary disease. Parsons PE, et al. **Chest** 1989 Jul; 96(1):96–101

LUNG NEOPLASMS

Transbronchial fine-needle aspiration. Reliability and limitations. Wagner ED, et al. **Am J Clin Pathol** 1989 Jul; 92(1):36–41
Pneumothorax in pleuropulmonary Kaposi's sarcoma related to acquired immunodeficiency syndrome. Floris C, et al. **Am J Med** 1989 Jul;87(1):123–4
Pulmonary Kaposi's sarcoma: clinical findings and results of therapy. Gill PS, et al. **Am J Med** 1989 Jul;87(1):57–61
Guidelines for percutaneous transthoracic needle biopsy. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Sokolowski JW Jr, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):255–6
Screening for lung cancer. Eddy DM. **Ann Intern Med** 1989 Aug 1;111(3):232–7 (27 ref.)
Upper-half body irradiation for oat cell carcinoma of the bronchus. Stockdale AD, et al. **Br J Radiol** 1989 Jun; 62(738):563–4
Fifth World Conference on Lung Cancer. Interlaken, Switzerland, August 28–September 1, 1988. Proceedings. **Chest** 1989 Jul;96(1 Suppl):1S–107S
Should we intensify the treatment of small cell lung cancer? Aisner J. **Chest** 1989 Jul;96(1 Suppl):64S–66S (27 ref.)
Report of the IASLC Le Havre Workshop. Arriagada R, et al. **Chest** 1989 Jul;96(1 Suppl):82S–83S
How should thoracic radiotherapy be given in limited small cell lung cancer? Arriagada R. **Chest** 1989 Jul;96(1 Suppl):78S–80S
High-LET radiation therapy of non-small cell lung cancer. Austin-Seymour M, et al. **Chest** 1989 Jul;96(1 Suppl):72S–73S (4 ref.)
Hyperthermia in the management of lung cancer. The current situation. Bleehen NM. **Chest** 1989 Jul;96(1 Suppl):69S–71S (29 ref.)
Oncogenes and genetic abnormalities in lung cancer. Carney DN. **Chest** 1989 Jul;96(1 Suppl):25S–27S (20 ref.)
Altered fractionation for non-small cell carcinoma of the lung. Rationale for the prospective trials of the Radiation Therapy Oncology Group. Cox JD, et al. **Chest** 1989 Jul; 96(1 Suppl):68S–69S (7 ref.)
Optimum duration of treatment with combination chemotherapy for small cell lung cancer. Cullen MH. **Chest** 1989 Jul;96(1 Suppl):62S–64S (7 ref.)
Extended operations for T3-T4 primary lung cancers. Indications and results. Dartevelle P, et al. **Chest** 1989 Jul; 96(1 Suppl):51S–53S
Preoperative assessment of lung cancer. Drings P. **Chest** 1989 Jul;96(1 Suppl):42S–44S (10 ref.)
Adjuvant therapy for non-small cell lung cancer. Evans WK. **Chest** 1989 Jul;96(1 Suppl):87S–91S (29 ref.)
Quality of life assessment in patients with carcinoma of the lung. Feld R. **Chest** 1989 Jul;96(1 Suppl):105S–107S (11 ref.)
Advances in the biology of lung cancer. Clinical significance of neuroendocrine differentiation. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):39S–41S (15 ref.)
Innovative chemotherapy. Xenografts and in vitro drug sensitivity testing. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):56S–59S (18 ref.)
Limited resection in the treatment of stage I non-small cell lung cancer; an overview. Ginsberg RJ. **Chest** 1989 Jul;96(1 Suppl):50S–51S (11 ref.)
Radiologic staging of lung cancer using CT and MRI. Glazer GM. **Chest** 1989 Jul;96(1 Suppl):44S–47S (46 ref.)
Chemoprevention of lung cancer. Problems and progress. Greenwald P, et al. **Chest** 1989 Jul;96(1 Suppl):14S–17S (11 ref.)
The clinical relevance of recent developments in pathology and biology of small cell lung cancer. Hirsch FR, et al. **Chest** 1989 Jul;96(1 Suppl):34S–37S (49 ref.)
Problems in assessing quality of life (QL) of lung cancer patients in clinical trials. Hürny C, et al. **Chest** 1989 Jul; 96(1 Suppl):102S–105S (26 ref.)
Treatment of N2 non-small cell lung cancer (NSCLC). Klastersky J, et al. **Chest** 1989 Jul;96(1 Suppl):83S–85S (0 ref.)
Report on the IASLC Le Havre Workshop on combined modality treatment in small cell lung cancer. Le Chevalier T, et al. **Chest** 1989 Jul;96(1 Suppl):73S–74S
Poorly differentiated and undifferentiated lung tumors. Mackay B. **Chest** 1989 Jul;96(1 Suppl):38S–39S
Diet and lung cancer. Miller AB, et al. **Chest** 1989 Jul;96(1 Suppl):8S–9S (20 ref.)
Genetic events in the pathogenesis of lung cancer. Minna JD. **Chest** 1989 Jul;96(1 Suppl):17S–23S (126 ref.)
Value of the new TNM staging system for lung cancer. Mountain CF. **Chest** 1989 Jul;96(1 Suppl):47S–49S
Autocrine growth factors as therapeutic targets in lung cancer. Mulshine JL, et al. **Chest** 1989 Jul;96(1 Suppl):31S–34S (26 ref.)
Bronchoplastic and bronchovascular procedures of the tracheobronchial tree in the management of primary lung cancer. Naruke T. **Chest** 1989 Jul;96(1 Suppl):53S–56S
Molecular mechanisms in chemically induced cancer. O'Connor PJ. **Chest** 1989 Jul;96(1 Suppl):24S–25S (13 ref.)
Trends in lung cancer incidence worldwide. Parkin DM. **Chest** 1989 Jul;96(1 Suppl):5S–8S
Combined modality treatment of small cell lung cancer. Salazar OM. **Chest** 1989 Jul;96(1 Suppl):74S–78S (26 ref.)
Factors possibly affecting the degree of malignancy in adenocarcinoma of the lung. DNA content and bromodeoxyuridine (BrdU) labeling index. Shimosato Y, et al. **Chest** 1989 Jul;96(1 Suppl):37S–38S
New treatments for small cell lung cancer. When to test. Smith IE. **Chest** 1989 Jul;96(1 Suppl):59S–61S (14 ref.)
Chemotherapy of small cell lung cancer. Smyth JF. **Chest** 1989 Jul;96(1 Suppl):61S–62S (6 ref.)
Summary of pathobiologic presentations. Sorenson GD. **Chest** 1989 Jul;96(1 Suppl):80S–81S
High-dose chemotherapy in lung cancer. Souhami RL. **Chest** 1989 Jul;96(1 Suppl):66S–68S (13 ref.)
Monoclonal antibodies in lung cancer. Stahel RA. **Chest** 1989 Jul;96(1 Suppl):27S–29S (19 ref.)
Lung cancer—a worldwide health problem. Stanley K, et al. **Chest** 1989 Jul;96(1 Suppl):1S–5S (11 ref.)
Radiotherapy in non-small cell lung cancer. An overview. Tubiana M. **Chest** 1989 Jul;96(1 Suppl):85S–87S (0 ref.)
Neoadjuvant vindesine, etoposide, and cisplatin for locally advanced non-small cell lung cancer. Final report of a phase 2 study. Vokes EE, et al. **Chest** 1989 Jul;96(1):110–3
Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S–31S (13 ref.)
Flow cytometric evaluation of bronchoscopic washings and lavage fluid for DNA aneuploidy as an adjunct in the diagnosis of lung cancer and tumors metastatic to the lung. Yoss EB, et al. **Chest** 1989 Jul;96(1):54–9
Insertion of the v-Ha-ras oncogene induces differentiation of calcitonin-producing human small cell lung cancer. Mabry M, et al. **J Clin Invest** 1989 Jul;84(1):194–9
Lung cancer mortality among nonsmoking uranium miners

exposed to radon daughters. Roscoe RJ, et al. **JAMA** 1989 Aug 4;262(5):629–33

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 32–1989. A 61–year–old man with multiple pulmonary nodules, solid and cavitary. **N Engl J Med** 1989 Aug 10;321(6):375–85

Offset electrocardiographic electrode simulating a pulmonary nodule on radiographs. Edwards ME, et al. **Radiology** 1989 Jul;172(1):281–2

LUPUS ERYTHEMATOSUS, SYSTEMIC

An antibody that inhibits in vitro bone marrow proliferation in a patient with systemic lupus erythematosus and aplastic anemia. Bailey FA, et al. **Arthritis Rheum** 1989 Jul; 32(7):901–5

A model for disease heterogeneity in systemic lupus erythematosus. Relationships between histocompatibility antigens, autoantibodies, and lymphopenia or renal disease. Harley JB, et al. **Arthritis Rheum** 1989 Jul;32(7):826–36

Successful plasma infusion treatment of a patient with C2 deficiency and systemic lupus erythematosus: clinical experience over forty–five months. Steinsson K, et al. **Arthritis Rheum** 1989 Jul;32(7):906–13

MX homologous protein in mononuclear cells from patients with systemic lupus erythematosus. von Wussow P, et al. **Arthritis Rheum** 1989 Jul;32(7):914–8

A 47–year–old woman presenting with a 20–year history of SLE. Hughes GR. **Br J Rheumatol** 1989 Aug;28(4):349

Anterior spinal artery syndrome in systemic lupus erythematosus. Markusse HM, et al. **Br J Rheumatol** 1989 Aug;28(4):344–6

Photosensitivity and anti–Ro (SS–A) antibodies in black patients with systemic lupus erythematosus (SLE). Sutej PG, et al. **Br J Rheumatol** 1989 Aug;28(4):321–4

Biochemical and immunological heterogeneity of the Ro ribonucleoprotein particles. Analysis with sera specific for the RohY5 particle. Boire G, et al. **J Clin Invest** 1989 Jul; 84(1):270–9

Intermittent claudication and limb–threatening ischemia in systemic lupus erythematosus and in SLE–like disease: a report of two cases and review of the literature. Bakker FC, et al. **Surgery** 1989 Jul;106(1):21–5 (32 ref.)

LUPUS NEPHRITIS

A model for disease heterogeneity in systemic lupus erythematosus. Relationships between histocompatibility antigens, autoantibodies, and lymphopenia or renal disease. Harley JB, et al. **Arthritis Rheum** 1989 Jul;32(7):826–36

Lupus nephritis and pregnancy [editorial] **Lancet** 1989 Jul 8;2(8654):82–3

Thromboxane antagonism in lupus nephritis [letter] Kallenberg CG, et al. **N Engl J Med** 1989 Aug 3; 321(5):330–1

LYING

Children's allegations of sexual abuse [letter] Whitehurst T. **Am J Psychiatry** 1989 Jul;146(7):947

LYME DISEASE

Lyme carditis in The Netherlands [letter] Blaauw AA, et al. **Ann Intern Med** 1989 Aug 1;111(3):261–2

Central nervous system manifestations of Lyme disease. Pachner AR, et al. **Arch Neurol** 1989 Jul;46(7):790–5

Transient complete AV block in Lyme disease. Electrophysiologic observations. van der Linde MR, et al. **Chest** 1989 Jul;96(1):219–21

Diagnosis of Lyme disease. **Lancet** 1989 Jul 22;2(8656):198–9 (27 ref.)

Is Ixodes (ixodiopsis) angustus a vector of Lyme disease in Washington State? Damrow T, et al. **West J Med** 1989 May;150(5):580–2

LYMPH NODE EXCISION

Focal renal infarction after retroperitoneal lymph–node dissection: CT diagnosis. Zissin R, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):325–6

LYMPH NODES

Plasmacytoid monocytes (so–called plasmacytoid T–cells) in Kikuchi's lymphadenitis. An immunohistologic study. Facchetti F, et al. **Am J Clin Pathol** 1989 Jul;92(1):42–50

Lymph node hemangioma. Kasznica J, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):804–7 (8 ref.)

Morbidity of lymph node sampling in cancers of the uterine corpus and cervix. Moore DH, et al. **Obstet Gynecol** 1989 Aug;74(2):180–4

Parasternal sonography of the internal mammary vessels: technique, normal anatomy, and lymphadenopathy. Scatarige JC, et al. **Radiology** 1989 Aug;172(2):453–7

LYMPHADENITIS

Plasmacytoid monocytes (so–called plasmacytoid T–cells) in Kikuchi's lymphadenitis. An immunohistologic study. Facchetti F, et al. **Am J Clin Pathol** 1989 Jul;92(1):42–50

LYMPHANGIECTASIS

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 31–1989. A three–month–old boy with bilateral interstitial lung disease. **N Engl J Med** 1989 Aug 3;321(5):309–16

LYMPHANGIOMA

Spontaneous resolution of a cystic neck mass in a fetus with normal karyotype. Distell BM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):380–2

First–trimester and early second–trimester diagnosis of nuchal cystic hygroma by transvaginal sonography: diverse prognosis of the septated from the nonseptated lesion. Bronshtein M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):78–82

Intra–abdominal lymphangioma. Roisman I, et al. **Br J Surg** 1989 May;76(5):485–9 (65 ref.)

LYMPHATIC METASTASIS

Biliary carcinoma: CT evaluation of extrahepatic spread. Engels JT, et al. **Radiology** 1989 Jul;172(1):35–40

LYMPHATIC SYSTEM

Whole–body lymphangioscintigraphy: preferred method for initial assessment of the peripheral lymphatic system. McNeill GC, et al. **Radiology** 1989 Aug;172(2):495–502

The lymphatic system: diagnostic imaging studies. Weissleder R, et al. **Radiology** 1989 Aug;172(2):315–7

LYMPHOCYTE DEPLETION

The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. Katz JD, et al. **J Immunol** 1989 Aug 15;143(4):1387–95

LYMPHOCYTE TRANSFORMATION

Nonspecific cytotoxicity of recombinant interleukin–2 activated lymphocytes. Bechard DE, et al. **Am J Med Sci** 1989 Jul;298(1):28–33

Antibodies against a peptide representative of a conserved region of human IFN–alpha. Differential effects on the antiviral and antiproliferative effects of IFN. Barasoain I, et al. **J Immunol** 1989 Jul 15;143(2):507–12

Activation of normal human B cells through their antigen receptor induces membrane expression of IL–1 alpha and secretion of IL–1 beta. Bonnefoy JY, et al. **J Immunol** 1989 Aug 1;143(3):864–9

Mechanisms of T cell activation by the calcium ionophore ionomycin. Chatila T, et al. **J Immunol** 1989 Aug 15; 143(4):1283–9

Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune–prone lpr mice. Coggeshall KM, et al. **J Immunol** 1989 Aug 1; 143(3):780–6

Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. Cooper HL, et al. **J Immunol** 1989 Aug 1;143(3):956–63

Transferrin receptor synthesis is an early event in B cell activation. Futran J, et al. **J Immunol** 1989 Aug 1; 143(3):787–92

Anti–Qa–2–induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. Hahn AB, et al. **J Immunol** 1989 Jul 15; 143(2):407–13

Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6–specific proliferative stimulus in Mlsa mice. Howe RC, et al. **J Immunol** 1989 Aug 1;143(3):793–7

CD44 contributes to T cell activation. Huet S, et al. **J Immunol** 1989 Aug 1;143(3):798–801

Induction of class I MHC–restricted, peptide–specific cytolytic T lymphocytes by peptide priming in vivo. Ishioka GY, et al. **J Immunol** 1989 Aug 15;143(4):1094–100

Induction of c–fos and c–myc expression during B cell activation by IL–4 and immunoglobulin binding ligands. Klemsz MJ, et al. **J Immunol** 1989 Aug 1;143(3):1032–9

Recovery of activated cytotoxic T cells from minor H incompatible tumor graft rejection sites. Ksander BR, et al. **J Immunol** 1989 Jul 15;143(2):426–31

Activation of T lymphocytes through the Ly–6 pathway is defective in A strain mice. Malek TR, et al. **J Immunol** 1989 Jul 15;143(2):439–45

Differential effects of amino acid substitutions in the beta–sheet floor and alpha–2 helix of HLA–A2 on recognition by alloreactive viral peptide–specific cytotoxic T lymphocytes. Mattson DH, et al. **J Immunol** 1989 Aug 15;143(4):1101–7

Synergistic interactions of IL–1 and IL–6 in T cell activation. Mitogen but not antigen receptor–induced proliferation of a cloned T helper cell line is enhanced by exogenous IL–6. Mizutani H, et al. **J Immunol** 1989 Aug 1;143(3):896–901

Selective abrogation of alloreactivity via priming in the presence of aphidicolin, a specific inhibitor of DNA polymerase. Morecki S, et al. **J Immunol** 1989 Aug 1; 143(3):838–43

IL–4–responsive human helper T cell clones are resistant to growth inhibition by tumor necrosis factor–alpha. Pawelec GP, et al. **J Immunol** 1989 Aug 1;143(3):902–6

Lymphocytes generated by in vivo priming and in vitro sensitization demonstrate therapeutic efficacy against a murine tumor that lacks apparent immunogenicity. Shu SY, et al. **J Immunol** 1989 Jul 15;143(2):740–8

T cell activation via Leu–23 (CD69). Testi R, et al. **J Immunol** 1989 Aug 15;143(4):1123–8

The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. Tocci MJ, et al. **J Immunol** 1989 Jul 15;143(2):718–26

Feline cytotoxic large granular lymphocytes induced by recombinant human IL–2. Tompkins MB, et al. **J Immunol** 1989 Jul 15;143(2):749–54

An ongoing in vivo immune response affects the abundancy and differentiation of lymphokine–activated killer cell precursors, but does not influence their broad spectrum target reactivity. Vanhaesebroeck B, et al. **J Immunol** 1989 Aug 15;143(4):1396–402

LYMPHOCYTES

Changes in lymphocyte number and phenotype in seven lymphoid compartments after thermal injury. Organ BC, et al. **Ann Surg** 1989 Jul;210(1):78–89

Immunohistochemical analysis of lymphoid and macrophage cell subsets and their immunologic activation markers in temporal arteritis. Influence of corticosteroid treatment. Cid MC, et al. **Arthritis Rheum** 1989 Jul;32(7):884–93

Detection of clonally expanded salivary gland lymphocytes in Sjögren's syndrome. Freimark B, et al. **Arthritis Rheum** 1989 Jul;32(7):859–69

Lymphocytic infiltrates and epithelial HLA–DR expression in lip salivary glands in connective tissue disease patients lacking sicca: a prospective study. Lindahl G, et al. **Br J Rheumatol** 1989 Aug;28(4):293–8

Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. Cooper HL, et al. **J Immunol** 1989 Aug 1;143(3):956–63

Prostaglandin E precursor fatty acids inhibit human IL–2 production by a prostaglandin E–independent mechanism. Santoli D, et al. **J Immunol** 1989 Aug 15;143(4):1303–9

Lymphocytic hypophysitis. Report of 3 new cases and review of the literature. Cosman F, et al. **Medicine (Baltimore)** 1989 Jul;68(4):240–56 (71 ref.)

B LYMPHOCYTES

Production of lymphotoxin by isolated human tonsillar B lymphocytes and B lymphocyte cell lines. Sung SS, et al. **J Clin Invest** 1989 Jul;84(1):236–43

Activation of normal human B cells through their antigen receptor induces membrane expression of IL–1 alpha and secretion of IL–1 beta. Bonnefoy JY, et al. **J Immunol** 1989 Aug 1;143(3):864–9

Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. **J Immunol** 1989 Aug 15;143(4):1087–93

Characterization of B lymphocytes present in the demyelinating lesions induced by Theiler's virus. Cash E, et al. **J Immunol** 1989 Aug 1;143(3):984–8

Differential expression of functional adrenocorticotropic hormone receptors by subpopulations of lymphocytes. Clarke BL, et al. **J Immunol** 1989 Jul 15;143(2):464–9

Transferrin receptor synthesis is an early event in B cell activation. Futran J, et al. **J Immunol** 1989 Aug 1; 143(3):787–92

Production of multiple lymphokines by the A20.1 B cell lymphoma after cross–linking of membrane Ig by immobilized anti–Ig. Justement LB, et al. **J Immunol** 1989 Aug 1;143(3):881–9

Induction of c–fos and c–myc expression during B cell activation by IL–4 and immunoglobulin binding ligands. Klemsz MJ, et al. **J Immunol** 1989 Aug 1;143(3):1032–9

A novel VHDJH to JH joining that induces H chain production in an Ig–null immature B cell line. Komori T, et al. **J Immunol** 1989 Aug 1;143(3):1040–5

Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily. Tedder TF, et al. **J Immunol** 1989 Jul 15;143(2):712–7

Cholera toxin–sensitive and insensitive signaling via surface Ig. Warner GL, et al. **J Immunol** 1989 Jul 15;143(2):458–63

Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. Weiss EA, et al. **J Immunol** 1989 Aug 1;143(3):1046–52

Predominance of Borrelia burgdorferi specific B cells in cerebrospinal fluid in neuroborreliosis. Baig S, et al. **Lancet** 1989 Jul 8;2(8654):71–4

Postpartum immunologic–mediated pulmonary edema associated with transfusion of blood containing an anti–B–lymphocyte antibody. Newman RS, et al. **West J Med** 1989 May;150(5):584–6

T LYMPHOCYTES

Plasmacytoid monocytes (so–called plasmacytoid T–cells) in Kikuchi's lymphadenitis. An immunohistologic study. Facchetti F, et al. **Am J Clin Pathol** 1989 Jul;92(1):42–50

Interleukin–2 receptor gene expression by bronchoalveolar

lavage lymphocytes in pulmonary sarcoidosis. Müller-Quernheim J, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):82-8

Diffuse large-cell lymphoma of B-cell origin and deficient T-cell function in a patient with rheumatoid arthritis. Weir AB 3d, et al. **Arch Intern Med** 1989 Jul;149(7):1688-90

The use of oncofetal ferritin-bearing lymphocytes as a marker for the screening, diagnosis, and follow-up of patients with early breast malignancy screening of 3400 women. Moroz C, et al. **Cancer** 1989 Aug 1;64(3):691-7

A role for the thymic epithelium in the selection of pre-T cells from murine bone marrow. Bauvois B, et al. **J Immunol** 1989 Aug 15;143(4):1077-86

Delayed thymocyte maturation in the trisomy 16 mouse fetus. Berger CN, et al. **J Immunol** 1989 Jul 15;143(2):389-96

Fine specificity of T cell recognition of the same peptide in association with different I-A molecules. Brett SJ, et al. **J Immunol** 1989 Aug 1;143(3):771-9

Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. **J Immunol** 1989 Aug 15;143(4):1087-93

Mechanisms of T cell activation by the calcium ionophore ionomycin. Chatila T, et al. **J Immunol** 1989 Aug 15; 143(4):1283-9

Differential expression of functional adrenocorticotropic hormone receptors by subpopulations of lymphocytes. Clarke BL, et al. **J Immunol** 1989 Jul 15;143(2):464-9

Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune-prone lpr mice. Coggeshall KM, et al. **J Immunol** 1989 Aug 1; 143(3):780-6

Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. Cole JA, et al. **J Immunol** 1989 Jul 15;143(2):397-402

IL-1 induces high affinity IL-2 receptor expression of CD4-8- thymocytes. Falk W, et al. **J Immunol** 1989 Jul 15;143(2):513-7

IL-2 regulation of tyrosine kinase activity is mediated through the p70-75 beta-subunit of the IL-2 receptor. Ferris DK, et al. **J Immunol** 1989 Aug 1;143(3):870-6

Host resistance to cyclosporine induced syngeneic graft-versus-host disease. Requirement for two distinct lymphocyte subsets. Fischer AC, et al. **J Immunol** 1989 Aug 1;143(3):827-32

Anti-Qa-2-induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. Hahn AB, et al. **J Immunol** 1989 Jul 15; 143(2):407-13

Human T cell clones present antigen. Hewitt CR, et al. **J Immunol** 1989 Jul 15;143(2):762-9

Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6-specific proliferative stimulus in Mlsa mice. Howe RC, et al. **J Immunol** 1989 Aug 1;143(3):793-7

CD44 contributes to T cell activation. Huet S, et al. **J Immunol** 1989 Aug 1;143(3):798-801

The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. Katz JD, et al. **J Immunol** 1989 Aug 15;143(4):1387-95

Analysis of the interaction of peptide hen egg white lysozyme (34-45) with the I-Ak molecule. Lambert LE, et al. **J Immunol** 1989 Aug 1;143(3):802-7

Activation of T lymphocytes through the Ly-6 pathway is defective in A strain mice. Malek TR, et al. **J Immunol** 1989 Jul 15;143(2):439-45

Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. Marano N, et al. **J Immunol** 1989 Aug 1;143(3):931-8

Analysis of the functional capabilities of CD3+CD4-CD8- and CD3+CD4+CD8+ human T cell clones. Patel SS, et al. **J Immunol** 1989 Aug 15;143(4):1108-17

The molecular basis of granuloma formation in schistosomiasis. III. In vivo effects of a T cell-derived suppressor effector factor and IL-2 on granuloma formation. Perrin PJ, et al. **J Immunol** 1989 Jul 15; 143(2):649-54

A functional role for signal transduction via the cytoplasmic domains of MHC class II proteins. St-Pierre Y, et al. **J Immunol** 1989 Aug 1;143(3):808-12

Capacity of intact proteins to bind to MHC class II molecules. Sette A, et al. **J Immunol** 1989 Aug 15;143(4):1265-7

T cell activation via Leu-23 (CD69). Testi R, et al. **J Immunol** 1989 Aug 15;143(4):1123-8

The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. Tocci MJ, et al. **J Immunol** 1989 Jul 15;143(2):718-26

CD8+CD4- lymphocyte lines can harbor the AIDS virus in vitro. Tsubota H, et al. **J Immunol** 1989 Aug 1; 143(3):858-63

Effect of IL-7 on the growth of fetal thymocytes in culture. Watson JD, et al. **J Immunol** 1989 Aug 15;143(4):1215-22

A murine T lymphocyte antigen belongs to a supergene family of type II integral membrane proteins. Yokoyama WM, et al. **J Immunol** 1989 Aug 15;143(4):1379-86

Immunomagnetic separation of infiltrating T lymphocytes from brain tumors. Bosnes V, et al. **J Neurosurg** 1989 Aug; 71(2):218-23

Inhibition of lymphocyte function by glioblastoma-derived transforming growth factor beta 2. Kuppner MC, et al. **J Neurosurg** 1989 Aug;71(2):211-7

Phenotype and function of Japanese adult T-cell leukaemia cells [letter] Imamura N, et al. **Lancet** 1989 Jul 22; 2(8656):214

Novel T-lymphocyte population in combined immunodeficiency with features of graft-versus-host disease. Wirt DP, et al. **N Engl J Med** 1989 Aug 10; 321(6):370-4

Temporal analysis of murine lymphocyte subpopulations by monoclonal antibodies and dual-color flow cytometry after burn and nonburn injury. Hansbrough JF, et al. **Surgery** 1989 Jul;106(1):69-80

T LYMPHOCYTES, CYTOTOXIC

Functional alterations of herpes simplex virus-specific CD4+ multifunctional T cell clones following infection with human T lymphotropic virus type I. Inatsuki A, et al. **J Immunol** 1989 Aug 15;143(4):1327-33

Induction of class I MHC-restricted, peptide-specific cytolytic T lymphocytes by peptide priming in vivo. Ishioka GY, et al. **J Immunol** 1989 Aug 15;143(4):1094-100

Recovery of activated cytotoxic T cells from minor H incompatible tumor graft rejection sites. Ksander BR, et al. **J Immunol** 1989 Jul 15;143(2):426-31

Effects of treatment with IL-2 receptor specific monoclonal antibody in mice. Inhibition of cytotoxic T cell responses but not of T help. Leist TP, et al. **J Immunol** 1989 Jul 15;143(2):628-32

IL-2 and IFN-gamma are two necessary lymphokines in the development of cytolytic T cells. Maraskovsky E, et al. **J Immunol** 1989 Aug 15;143(4):1210-4

Differential effects of amino acid substitutions in the beta-sheet floor and alpha-2 helix of HLA-A2 on recognition by alloreactive viral peptide-specific cytotoxic T lymphocytes. Mattson DH, et al. **J Immunol** 1989 Aug 15;143(4):1101-7

Functional and phenotypic alterations in T cell subsets during the course of MAIDS, a murine retrovirus-induced immunodeficiency syndrome. Morse HC 3d, et al. **J Immunol** 1989 Aug 1;143(3):844-50

Destruction of pancreatic islet cells by cytotoxic T lymphocytes in nonobese diabetic mice. Nagata M, et al. **J Immunol** 1989 Aug 15;143(4):1155-62

Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. **J Immunol** 1989 Jul 15; 143(2):446-51

Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T cell clones isolated in IL-4. Paliard X, et al. **J Immunol** 1989 Jul 15;143(2):452-7

A single amino acid substitution in HLA-A2 can alter the selection of the cytotoxic T lymphocyte repertoire that responds to influenza virus matrix peptide 55-73. Shimojo N, et al. **J Immunol** 1989 Jul 15;143(2):558-64

Characterization of the T cell-mediated cellular cytotoxicity during acute infectious mononucleosis. Tomkinson BE, et al. **J Immunol** 1989 Jul 15;143(2):660-70

LYMPHOCYTES, NULL

A novel VHDJH to JH joining that induces H chain production in an Ig-null immature B cell line. Komori T, et al. **J Immunol** 1989 Aug 1;143(3):1040-5

LYMPHOCYTOSIS

Acute lymphocytosis after trauma—early recognition of the high-risk patient? Pinkerton PH, et al. **J Trauma** 1989 Jun; 29(6):749-51

LYMPHOGRAPHY

The lymphatic system: diagnostic imaging studies. Weissleder R, et al. **Radiology** 1989 Aug;172(2):315-7

LYMPHOID TISSUE

Induction of antigen-specific IgA-forming cells in the upper respiratory mucosa. Watanabe N, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):523-9

LYMPHOKINES

Production of multiple lymphokines by the A20.1 B cell lymphoma after cross-linking of membrane Ig by immobilized anti-Ig. Justement LB, et al. **J Immunol** 1989 Aug 1;143(3):881-9

Production of lymphokine mRNA by CD45R+ and CD45R- helper T cells from human peripheral blood and by human CD4+ T cell clones. Salmon M, et al. **J Immunol** 1989 Aug 1;143(3):907-12

Spontaneous release of histamine from basophils and histamine-releasing factor in patients with atopic dermatitis and food hypersensitivity [see comment] Sampson HA, et al. **N Engl J Med** 1989 Jul 27;321(4):228-32. **Comment on:** N Engl J Med 1989 Jul 27;321(4):255-7

LYMPHOMA

Transvenous biopsy diagnosis of cardiac lymphoma in an AIDS patient. Andress JD, et al. **Am Heart J** 1989 Aug; 118(2):421-3

Primary cardiac B-cell lymphoma. Proctor MS, et al. **Am Heart J** 1989 Jul;118(1):179-81

Obstructive manifestations of thyroid lymphoma. Van Ruiswyk J, et al. **Arch Intern Med** 1989 Jul;149(7):1575-7

Primary cardiac lymphoma. Curtsinger CR, et al. **Cancer** 1989 Jul 15;64(2):521-5

Long-term endocrine toxicity of myeloablative treatment followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Keilholz U, et al. **Cancer** 1989 Aug 1;64(3):641-5

Production of multiple lymphokines by the A20.1 B cell lymphoma after cross-linking of membrane Ig by immobilized anti-Ig. Justement LB, et al. **J Immunol** 1989 Aug 1;143(3):881-9

Detecting t(14;18) in paraffin-embedded lymphoma tissue [letter] Hickish T, et al. **Lancet** 1989 Jul 22;2(8656):218-9

Small round cell tumors. Pritchard DJ. **Orthop Clin North Am** 1989 Jul;20(3):367-75 (23 ref.)

LYMPHOMA, HISTIOCYTIC

Collagenous colitis and histiocytic lymphoma [letter] Edwards DB. **Ann Intern Med** 1989 Aug 1;111(3):260-1

The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. Katz JD, et al. **J Immunol** 1989 Aug 15;143(4):1387-95

LYMPHOMA, LYMPHOCYTIC

Ig V region gene expression in small lymphocytic lymphoma with little or no somatic hypermutation. Pratt LF, et al. **J Immunol** 1989 Jul 15;143(2):699-705

LYMPHOMA, NON-HODGKIN'S

Emergency radiotherapy in a patient with a mediastinal lymphoblastoma [letter] Sold MJ, et al. **Anaesthesia** 1989 May;44(5):450-1

Diffuse large-cell lymphoma of B-cell origin and deficient T-cell function in a patient with rheumatoid arthritis. Weir AB 3d, et al. **Arch Intern Med** 1989 Jul;149(7):1688-90

Morphologic changes in the thyroid after irradiation for Hodgkin's and non-Hodgkin's lymphoma. Carr RF, et al. **Cancer** 1989 Aug 15;64(4):825-9

Intractible cutaneous non-Hodgkin's lymphoma of the lower limb. Complete remission after sequential regional isolated hyperthermic perfusion and perfusion with 1-phenylalanine-mustard (melphalan, L-Pam). Jansen RF, et al. **Cancer** 1989 Jul 15;64(2):392-5

LYMPHOMATOID GRANULOMATOSIS

Extra-pulmonary lymphomatoid granulomatosis [letter] Carmichael AJ, et al. **Br J Rheumatol** 1989 Aug;28(4):358-9

Radiation therapy in lymphomatoid granulomatosis. Nair BD, et al. **Cancer** 1989 Aug 15;64(4):821-4

LYMPHOPENIA

A model for disease heterogeneity in systemic lupus erythematosus. Relationships between histocompatibility antigens, autoantibodies, and lymphopenia or renal disease. Harley JB, et al. **Arthritis Rheum** 1989 Jul;32(7):826-36

Genetic studies in inbred BB/Wor rats. Analysis of progeny produced by crossing lymphopenic diabetes-prone rats with nonlymphopenic diabetic rats. Guberski DL, et al. **Diabetes** 1989 Jul;38(7):887-93

LYMPHOPROLIFERATIVE DISORDERS

CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. Kawa-Ha K, et al. **J Clin Invest** 1989 Jul;84(1):51-5

T cell receptor delta gene organization and expression in normal and leukemic natural killer cells. Biondi A, et al. **J Immunol** 1989 Aug 1;143(3):1009-14

LYMPHOTOXINS

Production of lymphotoxin by isolated human tonsillar B lymphocytes and B lymphocyte cell lines. Sung SS, et al. **J Clin Invest** 1989 Jul;84(1):236-43

LYSERGIC ACID DIETHYLAMIDE

Stimulants, panic, and BEAM EEG abnormalities [letter] Abraham HD. **Am J Psychiatry** 1989 Jul;146(7):947-8

MACACA

Imipramine and alprazolam treatment of lactate-induced acute endogenous distress in nonhuman primates. Sunderland G, et al. **Am J Psychiatry** 1989 Aug; 146(8):1044-7

Bilateral orchidectomy and concomitant testosterone replacement in the juvenile male rhesus monkey (Macaca

mulatta) receiving an invariant intravenous gonadotropin-releasing hormone (GnRH) infusion results, as in the hypothalamus lesioned GnRH-driven adult male, in a selective hypersecretion of follicle-stimulating hormone. Abeyawardene SA, et al. **Endocrinology** 1989 Jul; 125(1):257–9

Circulating inhibin alpha concentrations in infant, prepubertal, and adult male rhesus monkeys (Macaca mulatta) and in juvenile males during premature initiation of puberty with pulsatile gonadotropin-releasing hormone treatment. Abeyawardene SA, et al. **Endocrinology** 1989 Jul;125(1):250–6

MACROMOLECULAR SYSTEMS

The immunogenicity of soluble haptenated polymers is determined by molecular mass and hapten valence. Dintzis RZ, et al. **J Immunol** 1989 Aug 15;143(4):1239–44

MACROPHAGE ACTIVATION

Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. Heidenreich S, et al. **J Immunol** 1989 Aug 15; 143(4):1198–205

MACROPHAGES

Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89–94

Immunohistochemical analysis of lymphoid and macrophage cell subsets and their immunologic activation markers in temporal arteritis. Influence of corticosteroid treatment. Cid MC, et al. **Arthritis Rheum** 1989 Jul;32(7):884–93

The release of neutrophil chemoattractant activity by bronchoalveolar macrophages from adult and senescent mice. Esposito AL, et al. **J Gerontol** 1989 Jul;44(4):B93–9

CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. Da Silva RP, et al. **J Immunol** 1989 Jul 15; 143(2):617–22

Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. **J Immunol** 1989 Aug 1;143(3):964–70

The structure of the rabbit macrophage defensin genes and their organ-specific expression. Ganz T, et al. **J Immunol** 1989 Aug 15;143(4):1358–65

Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. Heidenreich S, et al. **J Immunol** 1989 Aug 15; 143(4):1198–205

Functional analysis of cloned macrophage hybridomas. VII. Modulation of suppressor T cell-inducing activity. Ishikura H, et al. **J Immunol** 1989 Jul 15;143(2):414–9

Endotoxin-macrophage interaction: post-translational regulation of tumor necrosis factor expression. Zuckerman SH, et al. **J Immunol** 1989 Aug 15;143(4):1223–7

Hypoxia and endotoxin induce macrophage-mediated suppression of fibroblast proliferation. Bankey P, et al. **J Trauma** 1989 Jul;29(7):972–9; discussion 979–80

The immunosuppressive effects of the in vivo administration of endotoxin as influenced by macrophages. Ogle CK, et al. **J Trauma** 1989 Jul;29(7):1015–20

MACULA LUTEA

Macular changes after retinal detachment surgery. Sabates NR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):22–9

Surgical management of retinal traction caused by toxocariasis. Small KW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):10–4

Partial ablation of neovascular membranes involving the fovea [letter] Tornambe PE, et al. **Arch Ophthalmol** 1989 Jul;107(7):955–6

MADUROMYCOSIS

Pseudallescheria boydii brain abscess: association with near-drowning and efficacy of high-dose, prolonged miconazole therapy in patients with multiple abscesses. Dworzack DL, et al. **Medicine (Baltimore)** 1989 Jul; 68(4):218–24

MAGNESIUM

Magnesium supplementation during pregnancy: a double-blind randomized controlled clinical trial. Sibai BM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):115–9

MAGNESIUM DEFICIENCY

Lactational hypomagnesaemia [letter] Kamble TK, et al. **Lancet** 1989 Jul 15;2(8655):155–6

MAGNESIUM SULFATE

Neuromuscular blockade with magnesium sulfate and nifedipine. Snyder SW, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):35–6

MAGNETIC RESONANCE IMAGING

MR evaluation of adrenal masses at 1.5 T. Baker ME, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):307–12

Contrast enhancement in spinal MR imaging. Breger RK, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):387–91

MR imaging of the shoulder: optimizing surface-coil positioning [letter] Glickstein MF. **AJR Am J Roentgenol** 1989 Aug;153(2):431–2

MR imaging of the posterior hypophysis in children. Gudinchet F, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):351–4

Sampling bandwidth and fat suppression: effects on long TR/TE MR imaging of the abdomen and pelvis at 1.5 T. Mitchell DG, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):419–25

Mixed müllerian sarcoma of the uterus: MR imaging findings. Shapeero LG, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):317–9

MR imaging characteristics of tuberculous spondylitis vs vertebral osteomyelitis. Smith AS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):399–405

Gradient-echo MR imaging of the cervical spine: evaluation of extradural disease. VanDyke C, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):393–8

Mucoceles of the paranasal sinuses: MR imaging with CT correlation. Van Tassel P, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):407–12

Normal variations in MR imaging of the knee: appearance and frequency. Watanabe AT, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):341–4

The function of the aorta in ischemic heart disease: a magnetic resonance and angiographic study of aortic compliance and blood flow patterns. Bogren HG, et al. **Am Heart J** 1989 Aug;118(2):234–47

Evaluation of pulmonary arterial morphology in cyanotic congenital heart disease by magnetic resonance imaging. Canter CE, et al. **Am Heart J** 1989 Aug;118(2):347–54

Magnetic resonance imaging of congenital heart disease: sensitivity and specificity using receiver operating characteristic curve analysis. Kersting-Sommerhoff BA, et al. **Am Heart J** 1989 Jul;118(1):155–61

Contrast-enhanced magnetic resonance imaging of cardiac tumors in children. Niwa K, et al. **Am Heart J** 1989 Aug; 118(2):424–5

Nuclear magnetic resonance imaging of acute myocardial infarction within 24 hours of chest pain onset. Johnston DL, et al. **Am J Cardiol** 1989 Jul 15;64(3):172–9

Assessment of tissue iron overload by nuclear magnetic resonance imaging. Johnston DL, et al. **Am J Med** 1989 Jul;87(1):40–7

Use of imaging techniques for schizophrenic patients [letter] Conlon P, et al. **Am J Psychiatry** 1989 Jul;146(7):941

Magnetic resonance imaging of Thornwaldt's cyst. Norfray JF, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):569–70

Magnetic resonance imaging in recurrent carcinoma of the cervix. Williams MP, et al. **Br J Radiol** 1989 Jun; 62(738):544–50

Radiologic staging of lung cancer using CT and MRI. Glazer GM. **Chest** 1989 Jul;96(1 Suppl):44S–47S (46 ref.)

Magnetic resonance imaging of the musculoskeletal system. **Clin Orthop** 1989 Jul;(244):1–130

Magnetic resonance imaging of the musculoskeletal system. An overview. Bassett LW, et al. **Clin Orthop** 1989 Jul; (244):17–28 (75 ref.)

Magnetic resonance imaging of the spine. Berns DH, et al. **Clin Orthop** 1989 Jul;(244):78–100 (80 ref.)

Magnetic resonance imaging of musculoskeletal neoplasms. Berquist TH. **Clin Orthop** 1989 Jul;(244):101–18 (49 ref.)

Magnetic resonance imaging of the musculoskeletal system in children. Hall TR, et al. **Clin Orthop** 1989 Jul; (244):119–30 (29 ref.)

Magnetic resonance imaging of the ischemic femoral head in pigs. Dependency of signal intensities and relaxation times on elapsed time. Lang P, et al. **Clin Orthop** 1989 Jul;(244):272–80

Image formation by induced local interactions. Examples employing nuclear magnetic resonance. 1973 [classical article] Lauterbur PC. **Clin Orthop** 1989 Jul;(244):3–6

Magnetic resonance imaging of the knee. Mink JH, et al. **Clin Orthop** 1989 Jul;(244):29–47 (56 ref.)

Magnetic resonance imaging of the ischemic hip. Alterations within the osteonecrotic, viable, and reactive zones. Mitchell DG, et al. **Clin Orthop** 1989 Jul;(244):60–77

Magnetic resonance imaging of the shoulder. Seeger LL. **Clin Orthop** 1989 Jul;(244):48–59 (29 ref.)

Physical principles of magnetic resonance imaging. Seeger LL. **Clin Orthop** 1989 Jul;(244):7–16 (14 ref.)

Magnetic resonance imaging in the diagnosis of anterior tibialis muscle herniation. Zeiss J, et al. **Clin Orthop** 1989 Jul;(244):249–53

Common pitfalls in magnetic resonance imaging of the knee. Watanabe AT, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):857–62

Unenhanced and gadolinium-DTPA-enhanced MR imaging in postoperative evaluation in pediatric brain tumors. Dickman CA, et al. **J Neurosurg** 1989 Jul;71(1):49–53

A pneumatized anterior clinoid mimicking an aneurysm on MR imaging. Report of two cases. Gean AD, et al. **J Neurosurg** 1989 Jul;71(1):128–32

Echo-planar magnetic resonance imaging in abnormal pregnancies [letter] Stehling MK, et al. **Lancet** 1989 Jul 15;2(8655):157

Localization of injected silicone with MRI prior to removal by suction cannula [letter] Bailey MH, et al. **Plast Reconstr Surg** 1989 Aug;84(2):364–6

Marrow conversion before pneumatization of the sphenoid sinus: assessment with MR imaging. Aoki S, et al. **Radiology** 1989 Aug;172(2):373–5

Normal deposition of brain iron in childhood and adolescence: MR imaging at 1.5 T. Aoki S, et al. **Radiology** 1989 Aug;172(2):381–5

Neurofibromatosis types 1 and 2: cranial MR findings. Aoki S, et al. **Radiology** 1989 Aug;172(2):527–34

Malignant versus nonmalignant retroperitoneal fibrosis: differentiation with MR imaging. Arrivé L, et al. **Radiology** 1989 Jul;172(1):139–43

Incorporation versus infection of retroperitoneal aortic grafts: MR imaging features. Auffermann W, et al. **Radiology** 1989 Aug;172(2):359–62

Heart wall motion: improved method of spatial modulation of magnetization for MR imaging. Axel L, et al. **Radiology** 1989 Aug;172(2):349–50

Meningioma subtypes: MR and PET features [letter] Di Chiro G. **Radiology** 1989 Aug;172(2):578–9

Cushing syndrome due to primary pigmented nodular adrenocortical disease: findings at CT and MR imaging. Doppman JL, et al. **Radiology** 1989 Aug;172(2):415–20

Ectopic adrenocorticotropic hormone syndrome: localization studies in 28 patients. Doppman JL, et al. **Radiology** 1989 Jul;172(1):115–24

Projection arteriography and venography: initial clinical results with MR. Edelman RR, et al. **Radiology** 1989 Aug; 172(2):351–7

Superparamagnetic iron oxide-enhanced MR imaging: pulse sequence optimization for detection of liver cancer. Fretz CJ, et al. **Radiology** 1989 Aug;172(2):393–7

Sanguinary efforts [editorial] Grossman RI. **Radiology** 1989 Jul;172(1):13–4

Development and aging of brain midline structures: assessment with MR imaging. Hayakawa K, et al. **Radiology** 1989 Jul;172(1):171–7

Success of acute thrombolytic therapy in acute myocardial infarction: what does it demand from cardiac imaging in the 1990s? [editorial] Higgins CB. **Radiology** 1989 Jul; 172(1):17–9

Anterior temporal lobes and hippocampal formations: normative volumetric measurements from MR images in young adults. Jack CR Jr, et al. **Radiology** 1989 Aug; 172(2):549–54

Use of radio-frequency field gradients to image blood flow and perfusion in vivo. Karczmar GS, et al. **Radiology** 1989 Aug;172(2):363–6

Wallerian degeneration after cerebral infarction: evaluation with sequential MR imaging. Kuhn MJ, et al. **Radiology** 1989 Jul;172(1):179–82

Cholesterol granulomas of the middle ear cavities: MR imaging. Martin N, et al. **Radiology** 1989 Aug;172(2):521–5

Focal signal-intensity variations in the posterior internal capsule: normal MR findings and distinction from pathologic findings. Mirowitz S, et al. **Radiology** 1989 Aug; 172(2):535–9

Avascular necrosis of the vertebral body: MR imaging. Naul LG, et al. **Radiology** 1989 Jul;172(1):219–22

Hepatic tumors: comparison of CT during arterial portography, delayed CT, and MR imaging for preoperative evaluation. Nelson RC, et al. **Radiology** 1989 Jul;172(1):27–34

Herniation pits of the femoral neck: appearance at MR imaging. Nokes SR, et al. **Radiology** 1989 Jul;172(1):231–4

Extracranial lesions of the head and neck: preliminary experience with Gd-DTPA-enhanced MR imaging. Robinson JD, et al. **Radiology** 1989 Jul;172(1):165–70

Occlusive and reperfused myocardial infarcts: differentiation with Mn-DPDP—enhanced MR imaging. Saeed M, et al. **Radiology** 1989 Jul;172(1):59–64

Prostatic carcinoma and benign prostatic hyperplasia: correlation of high-resolution MR and histopathologic findings. Schiebler ML, et al. **Radiology** 1989 Jul; 172(1):131–7

Prostate: MR imaging with an endorectal surface coil. Schnall MD, et al. **Radiology** 1989 Aug;172(2):570–4

Intracranial hemorrhagic lesions: evaluation with spin-echo and gradient-refocused MR imaging at 0.5 and 1.5 T. Seidenwurm D, et al. **Radiology** 1989 Jul;172(1):189–94

Normal and abnormal thymus in childhood: MR imaging. Siegel MJ, et al. **Radiology** 1989 Aug;172(2):367–71

Chronically obstructed sinonasal secretions: observations on T1 and T2 shortening. Som PM, et al. **Radiology** 1989 Aug; 172(2):515–20

Avulsion of the posteromedial tibial plateau by the semimembranosus tendon: diagnosis with MR imaging. Yao L, et al. **Radiology** 1989 Aug;172(2):513–4

Vertebral compression fractures: distinction between benign and malignant causes with MR imaging. Yuh WT, et al. **Radiology** 1989 Jul;172(1):215–8

Rotator cuff tears: diagnostic performance of MR imaging. Zlatkin MB, et al. **Radiology** 1989 Jul;172(1):223–9

Adrenal imaging. Computed tomographic scanning and magnetic resonance imaging. Bretan PN Jr, et al. **Urol Clin North Am** 1989 Aug;16(3):505–13 (28 ref.)

MAGNETOENCEPHALOGRAPHY

Magnetism. A new method for stimulation of nerve and brain [clinical conference] Hallett M, et al. **JAMA** 1989 Jul 28; 262(4):538–41

MAJOR HISTOCOMPATIBILITY COMPLEX

MHC molecules and beta-cell destruction. Immune and nonimmune mechanisms. Harrison LC, et al. **Diabetes** 1989 Jul;38(7):815–8 (26 ref.)

MALABSORPTION SYNDROMES

Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509–11; discussion 520–1

MALARIA

A general system of resistance to malaria infection in Anopheles gambiae controlled by two main genetic loci. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):585–92

Association of a Plasmodium-refractory phenotype with an esterase locus in Anopheles gambiae. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):593–7

Cross-reacting antigens to Pc96, a protective antigen of Plasmodium chabaudi, in P. falciparum, P. vivax, and P. cynomolgi. Wanidworanun C, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):579–84

Newborn splenic volumes vary under different malaria endemic conditions. Corkill JA, et al. **Arch Dis Child** 1989 Apr;64(4):541–5

Mixed falciparum and vivax malaria in Canadian travellers [letter] Nguyen CD, et al. **Can Med Assoc J** 1989 Jul 15; 141(2):100, 104

The spread of chloroquine-resistant malaria in Africa. Implications for travelers. Moran JS, et al. **JAMA** 1989 Jul 14;262(2):245–8 (20 ref.)

From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184

MALIGNANT CARCINOID SYNDROME

Octreotide—a synthetic somatostatin. **Med Lett Drugs Ther** 1989 Jul 14;31(796):66–8

MALIGNANT HYPERTHERMIA

Malignant hyperthermia in a hemodialysis patient. Harioka T, et al. **Anesth Analg** 1989 Jul;69(1):985–7

An unusual anesthetic course in a patient susceptible to malignant hyperthermia. Westlund UJ, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):860–4 (31 ref.)

Inositol 1,4,5-trisphosphate phosphatase deficiency and malignant hyperpyrexia in swine. Foster PS, et al. **Lancet** 1989 Jul 15;2(8655):124–7

Muscle biopsy testing for malignant hyperthermia [letter] Allen G, et al. **Plast Reconstr Surg** 1989 Aug;84(2):373–4

MALOCCLUSION

Obstructive sleep apnea syndrome in patients with class II malocclusion. Triplett WW, et al. **Mayo Clin Proc** 1989 Jun;64(6):644–52 (30 ref.)

Protruding premaxilla in the bilateral cleft lip patient [letter] Georgiade NG, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):372–3

MALPRACTICE

Medical defence peace [editorial] Smith T. **BMJ** 1989 Apr 29;298(6681):1130

Informed consent and 25% risk of paralysis. Brahams D. **Lancet** 1989 Jul 1;2(8653):57–8

Have we really come this far?[editorial] Curtin JW. **Plast Reconstr Surg** 1989 Aug;84(2):340–1

MAMMARY NEOPLASMS, EXPERIMENTAL

Adverse effect of tamoxifen with LHRH agonist on oestrogen-receptor-negative mammary carcinoma [letter] Szende B, et al. **Lancet** 1989 Jul 22;2(8656):222–3

MAMMOGRAPHY

A coaxial technique for performing galactography. Berná JD, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):273–4

Infiltrating lobular carcinoma: mammographic patterns with pathologic correlation. Mendelson EB, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):265–71

Preoperative localization of inferior breast lesions. Pisano ED, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):272

Radiopaque markers on mammary implants [letter] Sullivan DC, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):428–9

Films, screens and cassettes for mammography [letter] Law J, et al. **Br J Radiol** 1989 Jun;62(738):565

X-ray protection considerations for mammography screening centres. Walker A, et al. **Br J Radiol** 1989 Jun; 62(738):554–7

Histologic and mammographic specificity of risk factors for benign breast disease. Bright RA, et al. **Cancer** 1989 Aug 1;64(3):653–7

Making mammography a habit [letter] Snowdon DA, et al. **JAMA** 1989 Jul 14;262(2):207

Breast microcalcifications after lumpectomy and radiation therapy [letter] Hall FM. **Radiology** 1989 Aug;172(2):577–8

Circumscribed intraductal carcinoma of the breast [letter] Hall FM. **Radiology** 1989 Aug;172(2):579–80

Why women resist screening mammography: patient-related barriers. Rimer BK, et al. **Radiology** 1989 Jul;172(1):243–6

Communication problems after mammographic screening. Robertson CL, et al. **Radiology** 1989 Aug;172(2):443–4

Clinically occult ductal carcinoma in situ detected with mammography: analysis of 100 cases with radiologic-pathologic correlation. Stomper PC, et al. **Radiology** 1989 Jul;172(1):235–41

Needle localization of nonpalpable breast lesions with current dedicated mammographic systems [letter] Yagan R, et al. **Radiology** 1989 Aug;172(2):580–1

Mammography screening in women under age 50 (a clinician's viewpoint) [letter] Elliott RL. **South Med J** 1989 Jul;82(7):931–2

MANDIBLE

A critical analysis of immediate and delayed mandibular reconstruction using A-O plates. Komisar A, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):830–3

Transoral submental lipectomy: an adjunct to orthognathic surgery. Epker BN, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):795–803

Multicenter follow-up study of the transmandibular implant. Maxson B, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):785–9

Factors influencing the stability of the sagittal split osteotomy for mandibular advancement. Will LA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):813–8

Functional mandibular reconstruction: prevention of the oral invalid. Lukash FN, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):227–33; discussion 234–5

MANDIBULAR DISEASES

Odontogenic sinus tracts. Hodges TP, et al. **Am Fam Physician** 1989 Jul;40(1):113–6 (8 ref.)

Aneurysmal bone cyst of the mandible. Giddings NA, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):865–70 (54 ref.)

Recurrent keratocysts in basal cell nevus syndrome: review of the literature and report of a case. Mustaciuolo VW, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):870–3 (9 ref.)

MANDIBULAR FRACTURES

Gas-producing necrotizing fasciitis following mandibular fracture. Falender LG, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):856–9

MANDIBULAR NEOPLASMS

Chondromyxoid fibroma. Batsakis JG, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):571–2

Epithelial odontogenic ghost cell tumor: report of a case. Günhan O, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):864–7

MANDIBULAR PROSTHESIS

A critical analysis of immediate and delayed mandibular reconstruction using A-O plates. Komisar A, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):830–3

Prefabricated methyl methacrylate implant for reconstruction of the hemimandible and temporomandibular joint complex [letter] Govila A. **Plast Reconstr Surg** 1989 Aug;84(2):370–2

MANGANESE

Manganese absorption from human milk, cow's milk, and infant formulas in humans. Davidsson L, et al. **Am J Dis Child** 1989 Jul;143(7):823–7

Possible health effects of high manganese concentration in drinking water. Kondakis XG, et al. **Arch Environ Health** 1989 May-Jun;44(3):175–8

MANIC DISORDER

Mania triggered by a steroid nasal spray in a patient with stable bipolar disorder [letter] Goldstein ET, et al. **Am J Psychiatry** 1989 Aug;146(8):1076–7

Manic syndrome after discontinuation of methyldopa [letter] Labbate LA, et al. **Am J Psychiatry** 1989 Aug; 146(8):1075–6

MANIPULATION, ORTHOPEDIC

Osteopathic manipulation: purposes and protocols [letter] Kuchera WA. **Hosp Pract [Off]** 1989 Jul 15;24(7):17, 20

MANNOSE

Significance of D-mannose as a sperm receptor site on the zona pellucida in human fertilization. Mori K, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):207–11

IL-2, a lectin with specificity for high mannose glycopeptides. Sherblom AP, et al. **J Immunol** 1989 Aug 1;143(3):939–44

MANOMETRY

A simple technique to accurately determine intra-abdominal pressure [letter] Kron IL. **Crit Care Med** 1989 Jul; 17(7):714–5

MANUALS

American College of Physicians Ethics Manual. Part 1: History; the patient; other physicians. American College of Physicians. **Ann Intern Med** 1989 Aug 1;111(3):245–52

MARFAN SYNDROME

Severe perinatal Marfan syndrome. Gross DM, et al. **Pediatrics** 1989 Jul;84(1):83–9

MARIJUANA SMOKING

Physicians' attitudes toward the legalization of marijuana use. Linn LS, et al. **West J Med** 1989 Jun;150(6):714–7

MARKETING OF HEALTH SERVICES

Medical centers and marketing: making it work. Cottillion JG. **Hospitals** 1989 Jul 5;63(13):88

MARRIAGE

Premarital sex in rural India [letter] Bang A, et al. **Lancet** 1989 Jul 8;2(8654):109

Analysis of the Jalowiec Scale with cardiac patients' spouses. Wikoff RL, et al. **Nurs Res** 1989 Jul-Aug;38(4):221–2

MASKS

Acute lead poisoning in construction workers: the failure of current protective standards. Marino PE, et al. **Arch Environ Health** 1989 May-Jun;44(3):140–5

MASOCHISM

Self-defeating personality disorder and DSM-III-R: development of the diagnostic criteria. Kass F, et al. **Am J Psychiatry** 1989 Aug;146(8):1022–6 (49 ref.)

MASS SCREENING

Screening for hepatitis B. U.S. Preventive Services Task Force. **Am Fam Physician** 1989 Jul;40(1):131–3

Screening for lung cancer. Eddy DM. **Ann Intern Med** 1989 Aug 1;111(3):232–7 (27 ref.)

Screening for HIV in medicolegal necropsies in Helsinki. Karhunen PJ, et al. **BMJ** 1989 Apr 29;298(6681):1160

General practice-based population screening for abdominal aortic aneurysms: a pilot study. O'Kelly TJ, et al. **Br J Surg** 1989 May;76(5):479–80

Mass screening for cervical cancer in Taiwan from 1974 to 1984. Chou P, et al. **Cancer** 1989 Aug 15;64(4):962–8

The use of oncofetal ferritin-bearing lymphocytes as a marker for the screening, diagnosis, and follow-up of patients with early breast malignancy screening of 3400 women. Moroz C, et al. **Cancer** 1989 Aug 1;64(3):691–7

Failure of neonatal screening for hypothyroidism [letter] Moore P, et al. **J Pediatr** 1989 Jul;115(1):169–70

Screening for gestational glucose intolerance [letter] **Lancet** 1989 Jul 15;2(8655):153–4

Cervical smears: a questionable practice? McCormick JS. **Lancet** 1989 Jul 22;2(8656):207–9

Newborn screening for galactosemia: a new method used in Manitoba. Greenberg CR, et al. **Pediatrics** 1989 Aug; 84(2):331–5

Family history evaluation as a predictive screen for childhood hypercholesterolemia. Pediatric Practice Research Group. Griffin TC, et al. **Pediatrics** 1989 Aug; 84(2):365–73

Why women resist screening mammography: patient-related barriers. Rimer BK, et al. **Radiology** 1989 Jul;172(1):243–6

Ultrasonic screening for the detection of abdominal aortic aneurysms. Quill DS, et al. **Surg Clin North Am** 1989 Aug; 69(4):713–20 (51 ref.)

MASTECTOMY

Oncological aspects of immediate breast reconstruction following mastectomy for malignancy. Johnson CH, et al. **Arch Surg** 1989 Jul;124(7):819–23; discussion 823–4

MASTECTOMY, MODIFIED RADICAL

Psychosocial adjustment after mastectomy and breast-conserving treatment. Holmberg L, et al. **Cancer** 1989 Aug 15;64(4):969–74

MASTECTOMY, SEGMENTAL

Psychosocial adjustment after mastectomy and breast-conserving treatment. Holmberg L, et al. **Cancer** 1989 Aug 15;64(4):969–74

Breast microcalcifications after lumpectomy and radiation therapy [letter] Hall FM. **Radiology** 1989 Aug;172(2):577–8

MASTECTOMY, SUBCUTANEOUS

Conservative management in full-thickness nipple-areolar necrosis after subcutaneous mastectomy. Woods JE, et al. **Plast Reconstr Surg** 1989 Aug;84(2):258–64; discussion 265–6

MASTICATORY MUSCLES

Differing effect of agonist and antagonist muscle relaxants on cat jaw muscles. Van der Spek AF, et al. **Anesth Analg** 1989 Jul;69(1):942–6

Differential effects of pancuronium on masseter and adductor pollicis muscles in humans. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):57–61

Pathologic quiz case 1. Intramuscular hemangioma, small vessel type, masseter muscle (also known as infiltrating angiolipoma). Rushin JM, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):878–81

Surgical correction of masseter muscle hypertrophy by an intraoral approach. Loh FC, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):883–5

MASTITIS

Methicillin-resistant staphylococcal mastitis. Kalstone C. **Am J Obstet Gynecol** 1989 Jul;161(1):120

MATERIALS MANAGEMENT, HOSPITAL

Execs speak up about materials management role. Souhrada L. **Hospitals** 1989 Jul 5;63(13):67–8

MATERNAL AGE

Maternal age and screening for gestational diabetes: a population-based study [letter] Barss V, et al. **Obstet Gynecol** 1989 Aug;74(2):286–8

MATERNAL BEHAVIOR

A piece of my mind. So much more to say. Leff PT. **JAMA** 1989 Jul 21;262(3):402

MATERNAL-FETAL EXCHANGE

Experimental maternal and neonatal folate status relationships in nonhuman primates. Blocker DE, et al. **Am J Clin Nutr** 1989 Jul;50(1):120–8

Fetal prolactin levels respond to a maternal melatonin implant. Serón-Ferré M, et al. **Endocrinology** 1989 Jul; 125(1):400–3

MATERNAL MORTALITY

Maternal mortality in developing countries. An ongoing but neglected 'epidemic'. Rosenfield A. **JAMA** 1989 Jul 21; 262(3):376–9 (39 ref.)

Lessons from history—maternal and infant mortality [editorial] **Lancet** 1989 Jul 15;2(8655):140

MAXILLA

Protruding premaxilla in the bilateral cleft lip patient [letter] Georgiade NG, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):372–3

MAXILLARY DISEASES

Ossification in the wall of a radicular cyst: report of a case. Karakasis DT, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):853–5

MAXILLARY SINUS

Cholesteatoma (keratoma) of the maxillary sinus: report of a case. Sadoff RS, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):873–6

MAXILLOFACIAL INJURIES

Traumatic emphysema of the head, neck, and mediastinum associated with maxillofacial trauma: case report and review. Henry CH, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):876–82 (47 ref.)

Patterns of maxillofacial injuries in restrained and unrestrained motor vehicle crash victims. Reath DB, et al. **J Trauma** 1989 Jun;29(6):806–9; discussion 809–10

MEASLES

Measles revaccination. **Med Lett Drugs Ther** 1989 Jul 28; 31(797):69–70

MEASLES VACCINE

Mumps meningitis following measles, mumps, and rubella immunisation [letter] Gray JA, et al. **Lancet** 1989 Jul 8; 2(8654):98

Measles revaccination. **Med Lett Drugs Ther** 1989 Jul 28; 31(797):69–70

MEAT

Epidemic of restaurant-associated illness due to Salmonella newport. Narain JP, et al. **South Med J** 1989 Jul; 82(7):837–40

MECONIUM ASPIRATION

Management of meconium-stained neonate [letter] Wiswell TE. **J Pediatr** 1989 Jul;115(1):165–6

MEDIAN EMINENCE

Hypoglycemia enhances turnover of corticotropin-releasing factor and of vasopressin in the zona externa of the rat median eminence. Berkenbosch F, et al. **Endocrinology** 1989 Jul;125(1):28–34

MEDIAN NERVE

The premotor potential. Dumitru D, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):537–40

MEDIASTINAL CYST

Foregut cyst of the mediastinum: fluid re-accumulation after transbronchial needle aspiration. van Beers B, et al. **Br J Radiol** 1989 Jun;62(738):558–60

Apparent association between thymic cysts and prior thoracotomy. Jaramillo D, et al. **Radiology** 1989 Jul; 172(1):207–9

MEDIASTINAL EMPHYSEMA

Traumatic emphysema of the head, neck, and mediastinum associated with maxillofacial trauma: case report and review. Henry CH, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):876–82 (47 ref.)

MEDIASTINAL NEOPLASMS

Presbyesophagus masquerading as an extracardiac mass on echocardiography. Hoit BD, et al. **Am Heart J** 1989 Aug; 118(2):419–21

Emergency radiotherapy in a patient with a mediastinal lymphoblastoma [letter] Sold MJ, et al. **Anaesthesia** 1989 May;44(5):450–1

Experience with the management of primary endodermal sinus tumor of the mediastinum. Sham JS, et al. **Cancer** 1989 Aug 1;64(3):756–61

Mediastinal tumors: biopsy under US guidance. Wernecke K, et al. **Radiology** 1989 Aug;172(2):473–6

MEDICAL ASSISTANCE, TITLE 19

Oregon pioneers "more ethical" Medicaid coverage with priority-setting project [news] Goldsmith MF. **JAMA** 1989 Jul 14;262(2):176–7

The Oregon Health Initiative [letter] Kitzhaber J. **Lancet** 1989 Jul 8;2(8654):106

MEDICAL AUDIT

Audit of 26 years of obstetrics in general practice [letter] Prentice A, et al. **BMJ** 1989 May 13;298(6683):1313

MEDICAL DIRECTORS

Pedigrees of southern surgical chairmen. Cohn I Jr. **South Med J** 1989 Jul;82(7):892–6

MEDICAL HISTORY TAKING

The new sexual history: inquiring about sexual practices [editorial] Bowman M. **Am Fam Physician** 1989 Jul; 40(1):82–3

How to assess the risk of HIV exposure. Jewell ME, et al. **Am Fam Physician** 1989 Jul;40(1):153–61

Taking a sexual history: an individualized approach [editorial] Siwek J. **Am Fam Physician** 1989 Jul;40(1):83–4

Family history evaluation as a predictive screen for childhood hypercholesterolemia. Pediatric Practice Research Group. Griffin TC, et al. **Pediatrics** 1989 Aug; 84(2):365–73

MEDICAL INDIGENCY

What should be done about the uninsured poor? [letter] Navarro V. **JAMA** 1989 Jul 14;262(2):209–10

MEDICAL INFORMATICS

Biotechnology computing: information science for the era of molecular medicine. Masys DR. **Acad Med** 1989 Jul; 64(7):379–81

MEDICAL RECORDS

Psychoactive drug use in a general population sample, Sweden: correlates with perceived health, psychiatric diagnoses, and mortality in an automated record-linkage study. Allgulander C. **Am J Public Health** 1989 Aug; 79(8):1006–10

That notwithstanding clause again [letter] Herbert CP, et al. **Can Med Assoc J** 1989 Jul 15;141(2):97–8

The Sunnybrook Neurotrauma Assessment Record: improving trauma data collection. Kondziolka D, et al. **J Trauma** 1989 Jun;29(6):730–5

The problem-oriented system, problem-knowledge coupling, and clinical decision making. Weed LL, et al. **Phys Ther** 1989 Jul;69(7):565–8

Weighty records: medicine by bulk [editorial] Goldwyn RM. **Plast Reconstr Surg** 1989 Aug;84(2):338–9

MEDICAL SECRETARIES

Rheumatology patients and hospital secretaries [letter] Briggs S. **Br J Rheumatol** 1989 Aug;28(4):365

MEDICAL STAFF, HOSPITAL

Job stress and satisfaction among the staff members at a cancer center. Peteet JR, et al. **Cancer** 1989 Aug 15; 64(4):975–82

Legal immunity for peer-review programs [letter] Pedersen AB. **N Engl J Med** 1989 Jul 27;321(4):265

MEDICALLY UNDERSERVED AREA

Native Americans in medicine: the need for Indian healers. Prieto DO. **Acad Med** 1989 Jul;64(7):388–9

MEDICATION ERRORS

Acute treatment after accidental intrathecal injection of hypertonic contrast media [letter] Tartiere J, et al. **Anesthesiology** 1989 Jul;71(1):169

Desipramine isn't when it's disopyramide [letter] Garvey CW. **JAMA** 1989 Jul 14;262(2):210

MEDICATION SYSTEMS

Office-based medication dispensing [letter] Bartholome WG. **Pediatrics** 1989 Aug;84(2):399–400

Office-based medication dispensing: another consideration [letter] Erramouspe J, et al. **Pediatrics** 1989 Aug;84(2):400

MEDICINE

Medicine in defense against biological warfare. Huxsoll DL, et al. **JAMA** 1989 Aug 4;262(5):677–9

MEDICINE IN ART

Velázquez' dwarfs: a profusion of diagnoses [letter] **JAMA** 1989 Jul 21;262(3):349–50

MEDICINE IN LITERATURE

Short stories about doctors and patients: a course [letter] Ness DE. **Acad Med** 1989 Jul;64(7):390–1

MEDICINE, TRADITIONAL

Use of ghee during delivery [letter] Murthy GV, et al. **Lancet** 1989 Jul 8;2(8654):109–10

AIDS and traditional health beliefs and practices of black women. Flaskerud JH, et al. **Nurs Res** 1989 Jul–Aug; 38(4):210–5

MEDULLA OBLONGATA

The transoral approach to the superior cervical spine. A review of 53 cases of extradural cervicomedullary compression. Hadley MN, et al. **J Neurosurg** 1989 Jul; 71(1):16–23

MEGAKARYOCYTES

Incorporation of intravenously injected albumin, immunoglobulin G, and fibrinogen in guinea pig megakaryocyte granules. Handagama PJ, et al. **J Clin Invest** 1989 Jul;84(1):73–82

MELANOMA

Noncontiguous local recurrence of posterior uveal melanoma after cobalt 60 episcleral plaque therapy. Duker JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1019–22

Evaluation of staging workup in malignant melanoma. Khansur T, et al. **Arch Surg** 1989 Jul;124(7):847–9

Intralesional tumour necrosis factor combined with interferon gamma in metastatic melanoma. Retsas S, et al. **BMJ** 1989 May 13;298(6683):1290–1

Primary melanoma of the vagina: a clinicopathologic analysis. Reid GC, et al. **Obstet Gynecol** 1989 Aug;74(2):190–9

Nonfamilial cutaneous melanoma incidence in women associated with sun exposure before 20 years of age. Weinstock MA, et al. **Pediatrics** 1989 Aug;84(2):199–204

Sunburns, melanoma, and the pediatrician. Williams ML, et

al. **Pediatrics** 1989 Aug;84(2):381-2
Major amputation for advanced malignant melanoma. Jaques DP, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):1-6

MELATONIN

Abnormal melatonin response to 5-methoxypsoralen in dementia. Souêtre E, et al. **Am J Psychiatry** 1989 Aug; 146(8):1037-40
Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Bartsch C, et al. **Cancer** 1989 Jul 15;64(2):426-33
Fetal prolactin levels respond to a maternal melatonin implant. Serón-Ferré M, et al. **Endocrinology** 1989 Jul; 125(1):400-3

MELPHALAN

Intractible cutaneous non-Hodgkin's lymphoma of the lower limb. Complete remission after sequential regional isolated hyperthermic perfusion and perfusion with 1-phenylalanine-mustard (melphalan, L-Pam). Jansen RF, et al. **Cancer** 1989 Jul 15;64(2):392-5

MEMBRANE GLYCOPROTEINS

Identification of an autoantibody to vascular endothelial cell-specific antigens in patients with systemic vasculitis. Brasile L, et al. **Am J Med** 1989 Jul;87(1):74-80
Identification of continuous epitopes of the envelope glycoprotein of dengue type 2 virus. Innis BL, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):676-87
The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. Barton RW, et al. **J Immunol** 1989 Aug 15;143(4):1278-82
Identification of a widely distributed 90-kDa glycoprotein that is homologous to the Hermes-1 human lymphocyte homing receptor. Pals ST, et al. **J Immunol** 1989 Aug 1; 143(3):851-7
Amastigote and epimastigote stage-specific components of Trypanosoma cruzi characterized by using monoclonal antibodies. Purification and molecular characterization of an 83-kilodalton amastigote protein. Pan AA, et al. **J Immunol** 1989 Aug 1;143(3):1001-8
Expression of the major surface glycoprotein of Leishmania donovani chagasi in virulent and attenuated promastigotes. Wilson ME, et al. **J Immunol** 1989 Jul 15;143(2):678-84

MEMBRANE LIPIDS

Membrane lipid alterations and Na+-pumping activity in erythrocytes from IDDM and NIDDM subjects. Baldini P, et al. **Diabetes** 1989 Jul;38(7):825-31
Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274-7

MEMBRANE PROTEINS

Isolation and characterization of a membrane protein from normal human erythrocytes that inhibits reactive lysis of the erythrocytes of paroxysmal nocturnal hemoglobinuria. Holguin MH, et al. **J Clin Invest** 1989 Jul;84(1):7-17
Activation of normal human B cells through their antigen receptor induces membrane expression of IL-1 alpha and secretion of IL-1 beta. Bonnefoy JY, et al. **J Immunol** 1989 Aug 1;143(3):864-9
Membrane IL-1: IL-1 alpha precursor binds to the plasma membrane via a lectin-like interaction. Brody DT, et al. **J Immunol** 1989 Aug 15;143(4):1183-7
Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. Cole JA, et al. **J Immunol** 1989 Jul 15;143(2):397-402
Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274-7
A murine T lymphocyte antigen belongs to a supergene family of type II integral membrane proteins. Yokoyama WM, et al. **J Immunol** 1989 Aug 15;143(4):1379-86

MEMORY

Information processing deficit in schizophrenia: a frontal lobe sign? [letter] Merriam AE, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):760
Memory following intracarotid amobarbital injection contralateral to hippocampal damage. Rausch R, et al. **Arch Neurol** 1989 Jul;46(7):783-8
Remembering faces and drawings: a test of Hasher & Zacks' model of automatic processing in a Turkish sample. Ozekes M, et al. **J Gerontol** 1989 Jul;44(4):P122-3

MEMORY DISORDERS

Memory impairment in patients with progressive supranuclear palsy. Litvan I, et al. **Arch Neurol** 1989 Jul; 46(7):765-7
A new scale for the assessment of functional status in Alzheimer's disease and related disorders. Loewenstein DA, et al. **J Gerontol** 1989 Jul;44(4):P114-21
Intracerebral drug delivery in rats with lesion-induced memory deficits. Howard MA 3d, et al. **J Neurosurg** 1989 Jul;71(1):105-12

MEMORY, SHORT-TERM

Age and decision strategies in running memory for speech: effects of prosody and linguistic structure. Wingfield A, et al. **J Gerontol** 1989 Jul;44(4):P106-13

MENARCHE

Uterine development and endocrine relationships after menarche. Porcu E, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):174-7

MENIERE'S DISEASE

Electrocochleographic changes in endolymphatic hydrops induced by type II collagen immunization through the stylomastoid foramen. Ohashi T, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):556-62

MENINGEAL NEOPLASMS

Treatment of meningioma with octreotide [letter] Rünzi MW, et al. **Lancet** 1989 Jul 22;2(8656):217-8
Meningioma subtypes: MR and PET features [letter] Di Chiro G. **Radiology** 1989 Aug;172(2):578-9

MENINGIOMA

Optic nerve sheath meningioma [letter] Arbit E. **J Neurosurg** 1989 Jul;71(1):151
Optic nerve sheath meningioma [letter] Kupersmith MJ, et al. **J Neurosurg** 1989 Aug;71(2):305
Treatment of meningioma with octreotide [letter] Rünzi MW, et al. **Lancet** 1989 Jul 22;2(8656):217-8
Meningioma subtypes: MR and PET features [letter] Di Chiro G. **Radiology** 1989 Aug;172(2):578-9

MENINGITIS

Aseptic meningitis complicating adult Kawasaki disease: case report and review of the literature. McIlroy MA, et al. **Am J Med** 1989 Jul;87(1):106-10 (20 ref.)
Persistent Cryptococcus neoformans infection of the prostate after successful treatment of meningitis. California Collaborative Treatment Group. Larsen RA, et al. **Ann Intern Med** 1989 Jul 15;111(2):125-8
Central nervous system infections in the elderly. Behrman RE, et al. **Arch Intern Med** 1989 Jul;149(7):1596-9
Treatable causes of meningomyeloradiculitis in individuals infected with human immunodeficiency virus [letter] Lanska DJ, et al. **Arch Neurol** 1989 Jul;46(7):722-3
Pseudomeningitis: report of a case caused by Bacillus and review of the literature. Cunha BA, et al. **Heart Lung** 1989 Jul;18(4):418-20 (16 ref.)
Chloramphenicol treatment of childhood bacterial meningitis [letter] Forster J. **Lancet** 1989 Jul 15;2(8655):161

MENINGITIS, HAEMOPHILUS

Cefuroxime treatment failure and Haemophilus influenzae meningitis: case report and review of literature. Arditi M, et al. **Pediatrics** 1989 Jul;84(1):132-5 (36 ref.)

MENINGITIS, MENINGOCOCCAL

Comparison of latex agglutination with established bacteriological tests for diagnosis of cerebrospinal meningitis [letter] Burans JP, et al. **Lancet** 1989 Jul 15; 2(8655):158-9

MENINGITIS, VIRAL

Mumps meningitis following measles, mumps, and rubella immunisation [letter] Gray JA, et al. **Lancet** 1989 Jul 8; 2(8654):98

MENINGOCOCCAL INFECTIONS

Chondro-osseous growth abnormalities after meningococcemia. A clinical and histopathological study. Grogan DP, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):920-8
ACP Broadsheet 121: June 1989. Investigation of meningococcal disease. Cartwright KA, et al. **J Clin Pathol** 1989 Jun;42(6):634-9

MENINGOMYELOCELE

Sonographic evaluation and conservative management of newborns with myelomeningocele and hydronephrosis. Erickson D, et al. **J Urol** 1989 Aug;142(2 Pt 2):592-4; discussion 603-5
Muscarinic cholinergic receptors in normal pediatric and myelodysplastic bladders. Gup DI, et al. **J Urol** 1989 Aug; 142(2 Pt 2):595-9; discussion 603-5
Effacement of the fetal cisterna magna in association with myelomeningocele [see comments] Goldstein RB, et al. **Radiology** 1989 Aug;172(2):409-13. **Comment in:** Radiology 1989 Aug;172(2):309-311

MENISCI, TIBIAL

Non-operative treatment of meniscal tears. Weiss CB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):811-22

MENOPAUSE

Abnormal vaginal bleeding in perimenopausal women. Nesse RE. **Am Fam Physician** 1989 Jul;40(1):185-92 (13 ref.)
Increased risk of atherosclerosis in women after the menopause [letter] Bonithon-Kopp C, et al. **BMJ** 1989 May 13;298(6683):1311
A 47-year-old woman presenting with a 20-year history of SLE. Hughes GR. **Br J Rheumatol** 1989 Aug;28(4):349
Urodynamic changes following hormonal replacement therapy in women with premature ovarian failure. Karram MM, et al. **Obstet Gynecol** 1989 Aug;74(2):208-11
Libido, menopause, and estrogen replacement therapy. Beard MK, et al. **Postgrad Med** 1989 Jul;86(1):225-8 (9 ref.)

MENSTRUAL CYCLE

Menstrual cycle effects on the metabolism of tryptophan loads. Hrboticky N, et al. **Am J Clin Nutr** 1989 Jul; 50(1):46-52
Seasonal and mood independence of low basal prolactin secretion in premenopausal women with seasonal affective disorder. Depue RA, et al. **Am J Psychiatry** 1989 Aug; 146(8):989-95

MENSTRUATION DISORDERS

Abnormal vaginal bleeding in perimenopausal women. Nesse RE. **Am Fam Physician** 1989 Jul;40(1):185-92 (13 ref.)
Changes in menstrual symptoms among sterilized and comparison women: a prospective study. Rulin MC, et al. **Obstet Gynecol** 1989 Aug;74(2):149-54

MENTAL DISORDERS

Defense mechanisms in risk of suicide and risk of violence. Apter A, et al. **Am J Psychiatry** 1989 Aug;146(8):1027-31
Psychiatric diagnosis in China [letter] Chang SC. **Am J Psychiatry** 1989 Aug;146(8):1079-80
Adverse psychiatric reaction to ketoconazole [letter] Fisch RZ, et al. **Am J Psychiatry** 1989 Jul;146(7):939
The normalcy of self-proclaimed "normal volunteers". Halbreich U, et al. **Am J Psychiatry** 1989 Aug; 146(8):1052-5
Effect of a psychiatric liaison program on consultation rates and on detection of minor psychiatric disorders in cancer patients. McCartney CF, et al. **Am J Psychiatry** 1989 Jul; 146(7):898-901
DSM-III-R definition of mental disorder [letter] Sagar RS. **Am J Psychiatry** 1989 Aug;146(8):1077-8
Psychoactive drug use in a general population sample, Sweden: correlates with perceived health, psychiatric diagnoses, and mortality in an automated record-linkage study. Allgulander C. **Am J Public Health** 1989 Aug; 79(8):1006-10
Medical evaluation of psychiatric patients. I. Results in a state mental health system. Koran LM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):733-40
Cultural relativism and psychiatric illness. Fabrega H Jr. **J Nerv Ment Dis** 1989 Jul;177(7):415-25; discussion 426-30 (120 ref.)
Cognitive and psychiatric abnormalities in multiple sclerosis. Petersen RC, et al. **Mayo Clin Proc** 1989 Jun;64(6):657-63 (50 ref.)

MENTAL HEALTH SERVICES

Alcohol and substance abuse among schizophrenic patients presenting to an emergency psychiatric service. Barbee JG, et al. **J Nerv Ment Dis** 1989 Jul;177(7):400-7

MENTAL PROCESSES

Cognitive and psychiatric abnormalities in multiple sclerosis. Petersen RC, et al. **Mayo Clin Proc** 1989 Jun;64(6):657-63 (50 ref.)

MENTAL RETARDATION

Midazolam for aggressivity and violence in three mentally retarded patients. Bond WS, et al. **Am J Psychiatry** 1989 Jul;146(7):925-6
Living with a mentally handicapped brother or sister. Gath A. **Arch Dis Child** 1989 Apr;64(4):513-6
Gynecologic surgery and surgical morbidity in mentally handicapped women. McNeeley SG, et al. **Obstet Gynecol** 1989 Aug;74(2):155-8

MERCURY POISONING

Renal function and long-term low mercury vapor exposure. Piikivi L, et al. **Arch Environ Health** 1989 May-Jun; 44(3):146-9

MESENTERIC ARTERIES

The contractile responses of isolated dog cerebral and extracerebral arteries to oxybarbiturates and thiobarbiturates. Hatano Y, et al. **Anesthesiology** 1989 Jul;

71(1):80–6

MESENTERIC VEINS

Mesoatrial shunt: a surgical option in the management of the Budd–Chiari syndrome. Stringer MD, et al. **Br J Surg** 1989 May;76(5):474–8

Venous mesenteric ischaemia: conservative or surgical treatment? [letter] Clavien PA, et al. **Lancet** 1989 Jul 1; 2(8653):48

Mesenteric venous hypertension: importance after portal systemic shunting? Landreneau RJ, et al. **Surgery** 1989 Jul; 106(1):11–20

MESENTERY

Venous mesenteric ischaemia: conservative or surgical treatment? [letter] Clavien PA, et al. **Lancet** 1989 Jul 1; 2(8653):48

MESONEPHROMA

Experience with the management of primary endodermal sinus tumor of the mediastinum. Sham JS, et al. **Cancer** 1989 Aug 1;64(3):756–61

MESOTHELIOMA

Pathologic analysis of advanced adult soft tissue sarcomas, bone sarcomas, and mesotheliomas. The Eastern Cooperative Oncology Group (ECOG) experience. Shiraki M, et al. **Cancer** 1989 Jul 15;64(2):484–90

Therapeutic approach to malignant mesothelioma. Aisner J. **Chest** 1989 Jul;96(1 Suppl):95S–97S (12 ref.)

Natural history and staging of malignant mesothelioma. Antman KH. **Chest** 1989 Jul;96(1 Suppl):93S–95S

The epidemiology and pathogenesis of malignant mesothelioma. Craighead JE. **Chest** 1989 Jul;96(1 Suppl):92S–93S (26 ref.)

META-ANALYSIS

Effects of fibrinolytic inhibitors on mortality from upper gastrointestinal haemorrhage. Henry DA, et al. **BMJ** 1989 Apr 29;298(6681):1142–6

Exercise-induced ST depression in the diagnosis of coronary artery disease. A meta-analysis. Gianrossi R, et al. **Circulation** 1989 Jul;80(1):87–98 (171 ref.)

METABOLISM, INBORN ERRORS

Mitochondrial myopathies. Schapira AH. **BMJ** 1989 Apr 29; 298(6681):1127–8 (17 ref.)

Biotinidase deficiency associated with severe combined immunodeficiency [letter] Hurvitz H, et al. **Lancet** 1989 Jul 22;2(8656):228–9

Sudden infant death and long-chain 3-hydroxyacyl-CoA dehydrogenase [letter] Wanders RJ, et al. **Lancet** 1989 Jul 1;2(8653):52–3

METALLURGY

Longitudinal study of workers in an aluminum smelter. Chan-Yeung M, et al. **Arch Environ Health** 1989 May-Jun; 44(3):134–9

METARAMINOL

The metaraminol test and adverse cardiac effects [letter] Buades J, et al. **Ann Intern Med** 1989 Aug 1;111(3):259–60

METHADONE

The effects of methadone treatment on the reactivity of the nonstress test. Archie CL, et al. **Obstet Gynecol** 1989 Aug; 74(2):254–5

METHEMOGLOBINEMIA

Pulse oximetry in methemoglobinemia. Watcha MF, et al. **Am J Dis Child** 1989 Jul;143(7):845–7

METHICILLIN

Methicillin-resistant staphylococcal mastitis. Kalstone C. **Am J Obstet Gynecol** 1989 Jul;161(1):120

METHIMAZOLE

Methimazole and serum thyroid hormone concentrations in hyperthyroid patients: effects of single and multiple daily doses. Roti E, et al. **Ann Intern Med** 1989 Jul 15; 111(2):181–2

METHOTREXATE

Methotrexate treatment in scleroderma. van den Hoogen FH, et al. **Am J Med** 1989 Jul;87(1):116–7

Anal submucosal injection: a new route for drug administration in pelvic malignancies. IV. Submucosal anal injection in the treatment of cancer of uterine cervix—preliminary study. Shafik A. **Am J Obstet Gynecol** 1989 Jul;161(1):69–72

Pancytopenia and methotrexate with trimethoprim-sulfamethoxazole [letter] Jeurissen ME, et al. **Ann Intern Med** 1989 Aug 1;111(3):261

Acute cerebral oedema induced by methotrexate. Hughes PJ, et al. **BMJ** 1989 May 13;298(6683):1315

A patient with seropositive rheumatoid arthritis. Capell H. **Br J Rheumatol** 1989 Aug;28(4):340

The effect of liposome encapsulated antineoplastic agents on transitional cell carcinoma in tissue culture. Egerdie RB, et al. **J Urol** 1989 Aug;142(2):390–8

METHYLDOPA

Manic syndrome after discontinuation of methyldopa [letter] Labbate LA, et al. **Am J Psychiatry** 1989 Aug; 146(8):1075–6

METHYLMETHACRYLATES

Characterization of tissue from the bone-polymethylmethacrylate interface in a rat experimental model. Demonstration of collagen-degrading activity and bone-resorbing potential. Coe MR, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):863–74

Prefabricated methyl methacrylate implant for reconstruction of the hemimandible and temporomandibular joint complex [letter] Govila A. **Plast Reconstr Surg** 1989 Aug;84(2):370–2

METHYLPREDNISOLONE

Perceived dangers from intraspinal steroid injections [letter] Abram SE. **Arch Neurol** 1989 Jul;46(7):719–21

Safety of intrathecal steroids in multiple sclerosis [letter] Rivera VM. **Arch Neurol** 1989 Jul;46(7):718–9

Dangers from methylprednisolone acetate therapy by intraspinal injection [letter] Wilkinson H. **Arch Neurol** 1989 Jul;46(7):721–2

Pain in multiple sclerosis [letter] Nelson DA. **Neurology** 1989 Jul;39(7):1000–1

Relative efficacy of intravenous methylprednisolone and ACTH in the treatment of acute relapse in MS. Thompson AJ, et al. **Neurology** 1989 Jul;39(7):969–71

METOCLOPRAMIDE

Gastroparesis following traumatic brain injury and response to metoclopramide therapy. Jackson MD, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):553–5

Tumor-associated gastroparesis with esophageal carcinoma. Use of intravenous metoclopramide during radionuclide gastric emptying studies to predict clinical response. Choe AI, et al. **Dig Dis Sci** 1989 Jul;34(7):1132–4

Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. Marshall G, et al. **J Pediatr** 1989 Jul;115(1):156–60

Randomized, prospective double-blind trial of metoclopramide and placebo for gastroesophageal reflux in infants. Tolia V, et al. **J Pediatr** 1989 Jul;115(1):141–5

METOPROLOL

Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. Pollare T, et al. **BMJ** 1989 Apr 29; 298(6681):1152–7

METRONIDAZOLE

Clindamycin versus metronidazole in the treatment of bacterial vaginosis [letter] Bignardi GE. **Obstet Gynecol** 1989 Aug;74(2):281–2

A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Morton AL, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):41–5

MEZLOCILLIN

An unforeseen complication of home parenteral antibiotic therapy. Burks JH, et al. **Arch Intern Med** 1989 Jul; 149(7):1603–4

MICE, INBRED A

Activation of T lymphocytes through the Ly-6 pathway is defective in A strain mice. Malek TR, et al. **J Immunol** 1989 Jul 15;143(2):439–45

MICE, TRANSGENIC

Restricted assembly of haplotype-mismatched A alpha:A beta complexes in transgenic mice [letter] Beck BN. **J Immunol** 1989 Jul 15;143(2):755–6

MICONAZOLE

Pseudallescheria boydii brain abscess: association with near-drowning and efficacy of high-dose, prolonged miconazole therapy in patients with multiple abscesses. Dworzack DL, et al. **Medicine (Baltimore)** 1989 Jul; 68(4):218–24

MICROCEPHALY

Maternal cocaine use during pregnancy: effect on the newborn infant. Hadeed AJ, et al. **Pediatrics** 1989 Aug; 84(2):205–10

MICROCOMPUTERS

Pictures for radiologic reports: use of a hand-held image scanner [letter] Yokoyama K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):427

MICROSCOPY

Charles Spencer (1813–1881), microscope maker. Edmonson JM. **J Lab Clin Med** 1989 Jul;114(1):93–4

Identification of unsuspected cases of giardiasis by wet-film microscopy [letter] Gibb AP. **Lancet** 1989 Jul 22; 2(8656):216–7

MICROSCOPY, POLARIZATION

An improved method for detecting and quantifying cardiac muscle disarray in hypertrophic cardiomyopathy. Whittaker P, et al. **Am Heart J** 1989 Aug;118(2):341–6

MICROSOMES

Metabolism of triiodothyroacetic acid (TA3) in rat liver. I. Deiodination of TA3 and TA3 sulfate by microsomes. Rutgers M, et al. **Endocrinology** 1989 Jul;125(1):424–32

MICROSOMES, LIVER

Inhibition of human liver microsomal epoxide hydrolase by valproate and valpromide: in vitro/in vivo correlation. Kerr BM, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):82–93

Effect of aging on in vivo and in vitro ethanol metabolism and its toxicity in F344 rats. Seitz HK, et al. **Gastroenterology** 1989 Aug;97(2):446–56

MICROSURGERY

Microsurgical penile revascularization using the central corporeal penile artery. Konnak JW, et al. **J Urol** 1989 Aug;142(2):305–8

Microvascular applications in limb sparing tumor surgery. Hausman M. **Orthop Clin North Am** 1989 Jul;20(3):427–37 (52 ref.)

Usefulness of the silicone microsurgical background [letter] Isogai N, et al. **Plast Reconstr Surg** 1989 Aug;84(2):366–7

MICROTOMY

Rapid freezing of small biopsies and standard for cryosectioning and X-ray microanalysis. Tvedt KE, et al. **Am J Clin Pathol** 1989 Jul;92(1):51–6

MICROTUBULES

Acetaldehyde substoichiometrically inhibits bovine neurotubulin polymerization. Smith SL, et al. **J Clin Invest** 1989 Jul;84(1):337–41

MIDAZOLAM

Midazolam for aggressivity and violence in three mentally retarded patients. Bond WS, et al. **Am J Psychiatry** 1989 Jul;146(7):925–6

A reaction to midazolam: a topical solution [letter] Yates A, et al. **Anaesthesia** 1989 May;44(5):449

Isoflurane compared with midazolam for sedation in the intensive care unit. Kong KL, et al. **BMJ** 1989 May 13; 298(6683):1277–80

MIDWIFERY

Obstetric protest [letter] Corbishley H. **Lancet** 1989 Jul 15; 2(8655):162

Traditional birth attendants [letter] Feyi-Waboso M. **Lancet** 1989 Jul 15;2(8655):162

Use of ghee during delivery [letter] Murthy GV, et al. **Lancet** 1989 Jul 8;2(8654):109–10

MIGRAINE

The effects of aging on cerebral blood flow in migraine. Robertson WM, et al. **Neurology** 1989 Jul;39(7):947–51

MILITARY MEDICINE

Evolution of civil aeromedical helicopter aviation. Meier DR, et al. **South Med J** 1989 Jul;82(7):885–91

MILITARY PERSONNEL

Work-site health promotion: the effects of a goal-setting program on nutrition-related behaviors. Berry MW, et al. **J Am Diet Assoc** 1989 Jul;89(7):914–20, 923

MILK

Milk intolerance due to lactose and giardiasis [letter] Tolboom JJ. **Am J Clin Nutr** 1989 Jul;50(1):178–9

Manganese absorption from human milk, cow's milk, and infant formulas in humans. Davidsson L, et al. **Am J Dis Child** 1989 Jul;143(7):823–7
Presence of calcitonin-like peptide in rat milk: possible physiological role in regulation of neonatal prolactin secretion. Shah GV, et al. **Endocrinology** 1989 Jul; 125(1):61–7
Relationship of milk intake and vitamin K supplementation to vitamin K status in newborns. Motohara K, et al. **Pediatrics** 1989 Jul;84(1):90–3

MILK, HUMAN

Isolation of the nonprotein nitrogen fraction from human milk by gel-filtration chromatography and its separation by fast protein liquid chromatography. Donovan SM, et al. **Am J Clin Nutr** 1989 Jul;50(1):53–7
Manganese absorption from human milk, cow's milk, and infant formulas in humans. Davidsson L, et al. **Am J Dis Child** 1989 Jul;143(7):823–7
Milk produced by mothers with galactosemia [letter] Ng WG, et al. **J Pediatr** 1989 Jul;115(1):166–7

MILK PROTEINS

Isolation of the nonprotein nitrogen fraction from human milk by gel-filtration chromatography and its separation by fast protein liquid chromatography. Donovan SM, et al. **Am J Clin Nutr** 1989 Jul;50(1):53–7
Are babies more satisfied by casein based formulas? Taitz LS, et al. **Arch Dis Child** 1989 Apr;64(4):619–21

MINING

Gallium lung scanning and bronchoalveolar lavage in crocidolite-exposed workers. Hayes AA, et al. **Chest** 1989 Jul;96(1):22–6
Pulmonary complications in lead miners. Masjedi MR, et al. **Chest** 1989 Jul;96(1):18–21
Lung cancer mortality among nonsmoking uranium miners exposed to radon daughters. Roscoe RJ, et al. **JAMA** 1989 Aug 4;262(5):629–33

MINOR HISTOCOMPATIBILITY LOCI

Recovery of activated cytotoxic T cells from minor H incompatible tumor graft rejection sites. Ksander BR, et al. **J Immunol** 1989 Jul 15;143(2):426–31

MINORITY GROUPS

Mentor-protégé relationships: a critical element in affirmative action. Weekes DP. **Nurs Outlook** 1989 Jul–Aug; 37(4):156–7
Acquired immunodeficiency syndrome and adolescents: knowledge, attitudes, beliefs, and behaviors in a New York City adolescent minority population. Goodman E, et al. **Pediatrics** 1989 Jul;84(1):36–42

MITES

Familial background of respiratory atopy. A factor of type I allergy to house dust mite in patients with atopic dermatitis. Uehara M, et al. **Arch Dermatol** 1989 Jul; 125(7):939–43
Protease antigens from house dust mite [letter] Stewart GA, et al. **Lancet** 1989 Jul 15;2(8655):154–5

MITHRAMYCIN

Metastatic carcinoma of unknown primary: complete response to second-line treatment with plicamycin. Hescock H Jr, et al. **Am J Med Sci** 1989 Jul;298(1):34–7

MITOCHONDRIA

Mitochondrial encephalomyopathy with associated aminoacidopathy in a male sibship. Booth FA, et al. **J Pediatr** 1989 Jul;115(1):81–8
Mitochondrial function in Parkinson's disease [letter] Bindoff LA, et al. **Lancet** 1989 Jul 1;2(8653):49
Sudden infant death and long-chain 3-hydroxyacyl-CoA dehydrogenase [letter] Wanders RJ, et al. **Lancet** 1989 Jul 1;2(8653):52–3

MITOCHONDRIA, MUSCLE

Mitochondrial myopathies. Schapira AH. **BMJ** 1989 Apr 29; 298(6681):1127–8 (17 ref.)
Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. Haller RG, et al. **J Clin Invest** 1989 Jul;84(1):155–61
Decline in skeletal muscle mitochondrial respiration chain function with aging [letter] Cardellach F, et al. **Lancet** 1989 Jul 1;2(8653):44–5

MITOGENS

Beta 2-microglobulin is not a bone cell mitogen. Jennings JC, et al. **Endocrinology** 1989 Jul;125(1):404–9
Anti-Qa-2-induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. Hahn AB, et al. **J Immunol** 1989 Jul 15; 143(2):407–13

MITOMYCINS

Targeting chemotherapy for intrahepatic periductal lymphatic invasion by mitomycin C adsorbed to activated charcoal in hepatic hilar bile duct cancer. Koyama K, et al. **Am J Surg** 1989 Jul;158(1):8–13
Mitomycin C adjuvant chemotherapy after Wertheim's hysterectomy for stage IB cervical cancer. Sivanesaratnam V, et al. **Cancer** 1989 Aug 15;64(4):798–800

MITRAL VALVE

Instantaneous transmitral flow using Doppler and M-mode echocardiography: comparison with radionuclide ventriculography. Hoit BD, et al. **Am Heart J** 1989 Aug; 118(2):308–14
The modified Fontan operation [letter] Puga FJ. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):150–1

MITRAL VALVE INSUFFICIENCY

Cardiac valvular dysfunction associated with Crohn's disease in the absence of ankylosing spondylitis. Burdick S, et al. **Am Heart J** 1989 Jul;118(1):174–6
Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Bansal RC, et al. **Am J Cardiol** 1989 Jul 15;64(3):243–6

MITRAL VALVE PROLAPSE

Hypertrophic obstructive cardiomyopathy in combination with a prolapsing mitral valve. Anaesthesia for surgical correction with propofol. Bell MD, et al. **Anaesthesia** 1989 May;44(5):409–11
Two cardiac arrests after needle punctures in a patient with mitral valve prolapse: psychogenic? Abraham ZA, et al. **Anesth Analg** 1989 Jul;69(1):992–4
Prevalence of mitral valve prolapse in primary fibromyalgia: a pilot investigation. Pellegrino MJ, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):541–3
Association of mitral valve prolapse and systemic abnormalities of connective tissue. A phenotypic continuum. Glesby MJ, et al. **JAMA** 1989 Jul 28; 262(4):523–8
Mitral valve prolapse [letter] Wilcken DE. **Lancet** 1989 Jul 1;2(8653):48–9
Symptomatic mitral valve prolapse in children and adolescents: catecholamines, anxiety, and biofeedback. Smith MS, et al. **Pediatrics** 1989 Aug;84(2):290–5
Syndrome of mitral valve prolapse: current perspectives. Ansari A. **Prog Cardiovasc Dis** 1989 Jul–Aug;32(1):31–72 (151 ref.)

MITRAL VALVE STENOSIS

Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Bansal RC, et al. **Am J Cardiol** 1989 Jul 15;64(3):243–6
Successful percutaneous transvenous catheter balloon mitral commissurotomy after warfarin therapy and resolution of left atrial thrombus. Hung JS, et al. **Am J Cardiol** 1989 Jul 1;64(1):126–8
Percutaneous double balloon mitral valvuloplasty in pregnant women. Mangione JA, et al. **Am J Cardiol** 1989 Jul 1; 64(1):99–102
Left ventricular intrinsic contractility in pure rheumatic mitral stenosis. Mohan JC, et al. **Am J Cardiol** 1989 Jul 15;64(3):240–2
Combined aortic and mitral valve replacement in an adult with Scheie's disease. Butman SM, et al. **Chest** 1989 Jul; 96(1):209–10
Mitral valve and wedge pressure [editorial] **Lancet** 1989 Jul 15;2(8655):138–9
Transcatheter treatment of congenital heart disease. Beekman RH, et al. **Prog Cardiovasc Dis** 1989 Jul–Aug;32(1):1–30 (110 ref.)

MMPI

The MMPI: regional difference or normal aging? Koeppl PM, et al. **J Gerontol** 1989 Jul;44(4):P95–9

MODELS, ANATOMIC

Ear models [letter] Rueckert F. **Plast Reconstr Surg** 1989 Aug;84(2):370

MODELS, BIOLOGICAL

Application of the Mayo primary biliary cirrhosis survival model to Mayo liver transplant patients. Grambsch PM, et al. **Mayo Clin Proc** 1989 Jun;64(6):699–704
A model of orthopaedic dysfunction for clinical decision making in physical therapy practice. Harris BA, et al. **Phys Ther** 1989 Jul;69(7):548–53 (12 ref.)

MODELS, PSYCHOLOGICAL

A hierarchical model of opiate addiction. Failures of self-regulation as a central aspect of substance abuse. Wilson A, et al. **J Nerv Ment Dis** 1989 Jul;177(7):390–9

MODELS, THEORETICAL

Monte Carlo simulation and the clinical laboratory. Connelly DP, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):750–7

MOLECULAR BIOLOGY

Biotechnology computing: information science for the era of molecular medicine. Masys DR. **Acad Med** 1989 Jul; 64(7):379–81

MONITORING, PHYSIOLOGIC

A comparison of amplitude-modulated and frequency-modulated ambulatory monitoring systems. Hinderliter AL, et al. **Am J Cardiol** 1989 Jul 1;64(1):76–80
Indications and standards for cardiopulmonary sleep studies [letter] Sackner MA. **Am Rev Respir Dis** 1989 Jul; 140(1):264–5
Systolic venous waves cause spurious signs of arterial hemoglobin desaturation. Mark JB. **Anesthesiology** 1989 Jul;71(1):158–60
Instantaneous electrocardiography. A simple screening technique for cardiac exercise programs. Franklin BA, et al. **Chest** 1989 Jul;96(1):174–7
Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. Bittl JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):135–42
Use of electrophysiologic testing in patients with nonsustained ventricular tachycardia: prognostic and therapeutic implications. Klein RC, et al. **J Am Coll Cardiol** 1989 Jul;14(1):155–61; discussion 162–3
Surgical therapy for drug-refractory ventricular tachycardia: results with mapping-guided subendocardial resection. Manolis AS, et al. **J Am Coll Cardiol** 1989 Jul;14(1):199–208
Use of computerized electroencephalographic monitoring during aneurysm surgery. Tempelhoff R, et al. **J Neurosurg** 1989 Jul;71(1):24–31
Intrapartum uterine activity: evaluation of an intrauterine pressure transducer [letter] Goodlin RC. **Obstet Gynecol** 1989 Aug;74(2):283–4
Monitoring gastric pH levels. Durham RM, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):14–6

MONOCYTES

Monocyte monolayer assay: an efficient noninvasive technique for predicting the severity of hemolytic disease of the newborn. Nance SJ, et al. **Am J Clin Pathol** 1989 Jul;92(1):89–92
Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Akatsu T, et al. **Endocrinology** 1989 Jul;125(1):20–7
Synthesis and expression of the fibroblast fibronectin receptor in human monocytes. Brown DL, et al. **J Clin Invest** 1989 Jul;84(1):366–70
Viral antigen stimulation of the production of human monokines capable of regulating HIV1 expression. Clouse KA, et al. **J Immunol** 1989 Jul 15;143(2):470–5
Monocyte suppressor factor is plasminogen activator inhibitor inhibition of membrane bound but not soluble IL-1. Goeken NE, et al. **J Immunol** 1989 Jul 15; 143(2):603–8
Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. Mukaida N, et al. **J Immunol** 1989 Aug 15;143(4):1366–71
Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. Santamaria P, et al. **J Immunol** 1989 Aug 1; 143(3):913–22
Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. van de Winkel JG, et al. **J Immunol** 1989 Jul 15;143(2):571–8
Enhancement of human monocyte function against Candida albicans by the colony-stimulating factors (CSF): IL-3, granulocyte-macrophage-CSF, and macrophage-CSF. Wang M, et al. **J Immunol** 1989 Jul 15;143(2):671–7

MONOSACCHARIDE TRANSPORT PROTEINS

Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314–20
Coordinate regulation of glucose transporter function, number, and gene expression by insulin and sulfonylureas in L6 rat skeletal muscle cells. Wang PH, et al. **J Clin Invest** 1989 Jul;84(1):62–7

MORALS

Obeying the Stanford "concept of proportionality?" [letter] Ducharme HM, et al. **Crit Care Med** 1989 Jul;17(7):711–2

MORPHINE

Intrathecal narcotics for labor revisited: the combination of fentanyl and morphine intrathecally provides rapid onset of profound, prolonged analgesia. Leighton BL, et al. **Anesth Analg** 1989 Jul;69(1):988–91

The dose response of caudal morphine in children. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):48–52

MORTALITY

Deaths, injuries, and evacuations from acute hazardous materials releases. Binder S. **Am J Public Health** 1989 Aug; 79(8):1042–4

Mortality among United States Coast Guard marine inspectors. Blair A, et al. **Arch Environ Health** 1989 May–Jun;44(3):150–6

Cost and survival results of critical care regionalization for Medicare patients. Crippen DW, et al. **Crit Care Med** 1989 Jul;17(7):601–6

The association between depressive symptoms and mortality among older participants in the Epidemiologic Catchment Area–Piedmont Health Survey. Fredman L, et al. **J Gerontol** 1989 Jul;44(4):S149–56

Mortality decline and Chinese family structure: implications for old age support. Tu EJ, et al. **J Gerontol** 1989 Jul; 44(4):S157–68

Cholesterol and mortality in elderly women [letter] Löwik MR, et al. **Lancet** 1989 Jul 1;2(8653):41

Health inequalities in Britain and Sweden. Vågerö D, et al. **Lancet** 1989 Jul 1;2(8653):35–6

MOSAICISM

Hypomelanosis of Ito: spectrum of the disease. Glover MT, et al. **J Pediatr** 1989 Jul;115(1):75–80

Presenile dementia associated with mosaic trisomy 21 in a patient with a Down syndrome child [letter] Rowe IF, et al. **Lancet** 1989 Jul 22;2(8656):229

MOSQUITO CONTROL

Aedes aegypti and Aedes aegypti–borne disease control in the 1990s: top down or bottom up. Charles Franklin Craig Lecture. Gubler DJ. **Am J Trop Med Hyg** 1989 Jun; 40(6):571–8

MOTHER–CHILD RELATIONS

Quality of mother–infant attachment and pediatric health care use. Harris ES, et al. **Pediatrics** 1989 Aug;84(2):248–54

MOTHERS

Development of maternal–fetal attachment during pregnancy. Grace JT. **Nurs Res** 1989 Jul–Aug;38(4):228–32

Maternal reasons for delayed prenatal care. Young C, et al. **Nurs Res** 1989 Jul–Aug;38(4):242–3

Pediatrician and parent: a challenge for female physicians. Sells JM, et al. **Pediatrics** 1989 Aug;84(2):355–61

MOTOR NEURONS

Glutamate dehydrogenase and aspartate aminotransferase in leukocytes of patients with motor neuron disease. Hugon J, et al. **Neurology** 1989 Jul;39(7):956–8

MOTORCYCLES

Neurologic eye signs following motorcycle accidents. Keane JR. **Arch Neurol** 1989 Jul;46(7):761–2

MOUSE LEUKEMIA VIRUSES

Biochemical analysis of a novel H-2 class I-like glycoprotein expressed in five AKR-(Gross virus) derived spontaneous T cell leukemias. Labeta MO, et al. **J Immunol** 1989 Aug 15;143(4):1245–53

MOUTH

The transoral approach to the superior cervical spine. A review of 53 cases of extradural cervicomedullary compression. Hadley MN, et al. **J Neurosurg** 1989 Jul; 71(1):16–23

The buccinator musculomucosal flap: anatomic study and clinical application. Bozola AR, et al. **Plast Reconstr Surg** 1989 Aug;84(2):250–7

MOUTH MUCOSA

Oral transmucosal fentanyl citrate (lollipop) premedication in human volunteers. Stanley TH, et al. **Anesth Analg** 1989 Jul;69(1):887–93

Nonhealing ulceration of oral mucosa. Dodson TB, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):849–52

MOUTH NEOPLASMS

Factors delaying the diagnosis of oral and oropharyngeal carcinomas. Guggenheimer J, et al. **Cancer** 1989 Aug 15; 64(4):932–5

MOVEMENT

Reliability and validity of the WATSMART three-dimensional optoelectric motion analysis system. Scholz JP. **Phys Ther** 1989 Aug;69(8):679–89

MOVEMENT DISORDERS

Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22

Movement disorder of premature infants with severe bronchopulmonary dysplasia: a new syndrome. Perlman JM, et al. **Pediatrics** 1989 Aug;84(2):215–8

MUCOCELE

Mucoceles of the paranasal sinuses: MR imaging with CT correlation. Van Tassel P, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):407–12

Pathologic quiz case 2. Fibromyxoma of the ethmoidal sinus with secondary sphenoidal sinus mucocele. Alleva MD, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):878–9, 881

MUCOCILIARY CLEARANCE

Role of mucus and cilia in nasal mucociliary clearance in healthy subjects. Lioté H, et al. **Am Rev Respir Dis** 1989 Jul;140(1):132–6

The pulmonary clearance of smooth and rough strains of Pseudomonas aeruginosa. Martin HG, et al. **Am Rev Respir Dis** 1989 Jul;140(1):206–10

Measurement of nasal mucociliary clearance. Corbo GM, et al. **Arch Dis Child** 1989 Apr;64(4):546–50

MUCOCUTANEOUS LYMPH NODE SYNDROME

Aseptic meningitis complicating adult Kawasaki disease: case report and review of the literature. McIlroy MA, et al. **Am J Med** 1989 Jul;87(1):106–10 (20 ref.)

Sudden death in incomplete Kawasaki disease [letter] Loubser MD, et al. **Arch Dis Child** 1989 Apr;64(4):637–8

Rug shampoo and Kawasaki disease. Fatica NS, et al. **Pediatrics** 1989 Aug;84(2):231–4

Epidemiologic aspects of Kawasaki disease in a Manhattan hospital. Ichida F, et al. **Pediatrics** 1989 Aug;84(2):235–41

MUCOPOLYSACCHARIDOSIS

Heparin and suspected Sanfillipo syndrome [letter] Henderson MJ, et al. **Arch Dis Child** 1989 Apr;64(4):633–4

Combined aortic and mitral valve replacement in an adult with Scheie's disease. Butman SM, et al. **Chest** 1989 Jul; 96(1):209–10

MUCORMYCOSIS

Cutaneous Rhizopus and Aspergillus infections in five patients with cancer. Khardori N, et al. **Arch Dermatol** 1989 Jul;125(7):952–6 (31 ref.)

Bronchocentric mycosis occurring in transplant recipients. Tazelaar HD, et al. **Chest** 1989 Jul;96(1):92–5

Mucormycosis among patients on dialysis [letter] Boelaert JR, et al. **N Engl J Med** 1989 Jul 20;321(3):190–1

MUCUS

Role of mucus and cilia in nasal mucociliary clearance in healthy subjects. Lioté H, et al. **Am Rev Respir Dis** 1989 Jul;140(1):132–6

MULTI-INSTITUTIONAL SYSTEMS

Integrating information systems with HL7. Walker JM. **Hospitals** 1989 Jul 5;63(13):FB60, FB62

MULTIPLE MYELOMA

IgG myeloma with hyperviscosity presenting as malignant arterial hypertension. Rubio-Garcia R, et al. **Am J Med** 1989 Jul;87(1):119

Cytoplasmic crystals in multiple myeloma-associated Fanconi's syndrome. A morphological study including immunoelectron microscopy. Truong LD, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):781–5

MULTIPLE ORGAN FAILURE

Use of extracorporeal supportive techniques as additional treatment for septic-induced multiple organ failure patients. Barzilay E, et al. **Crit Care Med** 1989 Jul;17(7):634–7

MULTIPLE SCLEROSIS

Trace element status in multiple sclerosis. Smith DK, et al. **Am J Clin Nutr** 1989 Jul;50(1):136–40

Safety of intrathecal steroids in multiple sclerosis [letter] Rivera VM. **Arch Neurol** 1989 Jul;46(7):718–9

Immunological treatment for multiple sclerosis [letter] **Lancet** 1989 Jul 8;2(8654):100–1

Immunosuppressive treatment of multiple sclerosis. Carter JL, et al. **Mayo Clin Proc** 1989 Jun;64(6):664–9 (47 ref.)

Cognitive and psychiatric abnormalities in multiple sclerosis. Petersen RC, et al. **Mayo Clin Proc** 1989 Jun;64(6):657–63 (50 ref.)

The lesion of multiple sclerosis: imaging of acute and chronic stages. Koopmans RA, et al. **Neurology** 1989 Jul; 39(7):959–63

Pain in multiple sclerosis [letter] Nelson DA. **Neurology** 1989 Jul;39(7):1000–1

A referendum on clinical trial research in multiple sclerosis: the opinion of the participants at the Jekyll Island workshop. Noseworthy JH, et al. **Neurology** 1989 Jul; 39(7):977–81

Relative diagnostic value of cerebrospinal fluid kappa chains in MS: comparison with other immunoglobulin tests. Rudick RA, et al. **Neurology** 1989 Jul;39(7):964–8

Relative efficacy of intravenous methylprednisolone and ACTH in the treatment of acute relapse in MS. Thompson AJ, et al. **Neurology** 1989 Jul;39(7):969–71

Diagnostic and therapeutic trials in multiple sclerosis: a new look. Summary of Jekyll Island workshop. Weiner HL, et al. **Neurology** 1989 Jul;39(7):972–6

MULTIPLE TRAUMA

Acute acalculous cholecystitis in critically injured patients. Preoperative diagnostic imaging. Cornwell EE 3d, et al. **Ann Surg** 1989 Jul;210(1):52–5

Intra-abdominal injury following blunt trauma. Identifying the high-risk patient using objective risk factors. Mackersie RC, et al. **Arch Surg** 1989 Jul;124(7):809–13

Pelvic fracture in multiple trauma: classification by mechanism is key to pattern of organ injury, resuscitative requirements, and outcome. Dalal SA, et al. **J Trauma** 1989 Jul;29(7):981–1000; discussion 1000–2

The value of the Glasgow Coma Scale and Injury Severity Score: predicting outcome in multiple trauma patients with head injury. Pal J, et al. **J Trauma** 1989 Jun;29(6):746–8

MUMPS

Mumps meningitis following measles, mumps, and rubella immunisation [letter] Gray JA, et al. **Lancet** 1989 Jul 8; 2(8654):98

MUMPS VACCINE

Mumps meningitis following measles, mumps, and rubella immunisation [letter] Gray JA, et al. **Lancet** 1989 Jul 8; 2(8654):98

MURAMIDASE

Stable association of processed antigen with antigen-presenting cell membranes. Jensen PE. **J Immunol** 1989 Jul 15;143(2):420–5

Analysis of the interaction of peptide hen egg white lysozyme (34–45) with the I-Ak molecule. Lambert LE, et al. **J Immunol** 1989 Aug 1;143(3):802–7

MUSCLE CONTRACTION

Disparate hemodynamic and sympathoadrenergic responses to isometric and mental stress in essential hypertension. Grossman E, et al. **Am J Cardiol** 1989 Jul 1;64(1):42–4

Effects of enflurane on contractile response of canine trachealis muscle. Kochi T, et al. **Anesth Analg** 1989 Jul; 69(1):926–34

Differing effect of agonist and antagonist muscle relaxants on cat jaw muscles. Van der Spek AF, et al. **Anesth Analg** 1989 Jul;69(1):942–6

Differential effects of pancuronium on masseter and adductor pollicis muscles in humans. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):57–61

Diaphragmatic contraction during assisted mechanical ventilation. Flick GR, et al. **Chest** 1989 Jul;96(1):130–5

Visual, vestibular and somatosensory contributions to balance control in the older adult. Manchester D, et al. **J Gerontol** 1989 Jul;44(4):M118–27

Pharmacological responses of rabbit urinary bladder after subtotal cystectomy. Lin AT, et al. **J Urol** 1989 Aug;142(2):409–12

MUSCLE CRAMP

Management of facial spasm with Clostridium botulinum toxin [letter] Sanders DB, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):882

MUSCLE HYPOTONIA

Danger of central pontine myelinolysis in hypotonic dehydration and recommendation for treatment. Oh MS, et al. **Am J Med Sci** 1989 Jul;298(1):41–3

MUSCLE PROTEINS

Dystrophin and Duchenne's muscular dystrophy [letter] Hurko O, et al. **N Engl J Med** 1989 Aug 10;321(6):398–9

Effect of sepsis on calcium uptake and content in skeletal muscle and regulation in vitro by calcium of total and myofibrillar protein breakdown in control and septic muscle: results from a preliminary study. Benson DW, et al. **Surgery** 1989 Jul;106(1):87–93

MUSCLE, SMOOTH

Uncoupling of excitation from contraction in uterine smooth muscle in near-term ewes. Reid DL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):229–33

Proceedings of a workshop entitled "Neuromuscular function and dysfunction of the gastrointestinal tract in aging". Szurszewski JH, et al. **Dig Dis Sci** 1989 Jul;34(7):1135–46

Muscarinic cholinergic receptors in normal pediatric and myelodysplastic bladders. Gup DI, et al. **J Urol** 1989 Aug; 142(2 Pt 2):595–9; discussion 603–5

Pharmacological responses of rabbit urinary bladder after subtotal cystectomy. Lin AT, et al. **J Urol** 1989 Aug;142(2):409–12

Denervation supersensitivity of the rabbit urinary bladder to calcium ion. Saito M, et al. **J Urol** 1989 Aug;142(2):418–21

MUSCLE, SMOOTH, VASCULAR

Pulsed ultraviolet laser irradiation produces endothelium-independent relaxation of vascular smooth muscle. Steg PG, et al. **Circulation** 1989 Jul;80(1):189–97

MUSCLE SPASTICITY

Stiff-man syndrome updated. Lorish TR, et al. **Mayo Clin Proc** 1989 Jun;64(6):629–36 (26 ref.)

MUSCLE TONUS

Does terbutaline cause uterine atony and increase intraoperative blood loss? [letter] Brown MS. **Am J Obstet Gynecol** 1989 Jul;161(1):259

MUSCLES

The effect of intravenous nutrition on muscle mass and exercise capacity in perioperative patients. Wood CD, et al. **Am J Surg** 1989 Jul;158(1):63–7

Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Lanier WL, et al. **Anesthesiology** 1989 Jul;71(1):87–95

Selective reinnervation of the abductor and adductor muscles of the canine larynx after recurrent nerve paralysis. Marie JP, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):530–6

The premotor potential. Dumitru D, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):537–40

Early detection of shock in critically ill patients by skeletal muscle PO2 assessment. Beerthuizen GI, et al. **Arch Surg** 1989 Jul;124(7):853–5

Indirect effect of catecholamines on development of insulin resistance in skeletal muscle from diabetic rats. Boström M, et al. **Diabetes** 1989 Jul;38(7):906–10

Capillary basement membrane thickness and capillary density in sedentary and trained obese Zucker rats. Lash JM, et al. **Diabetes** 1989 Jul;38(7):854–60

Coordinate regulation of glucose transporter function, number, and gene expression by insulin and sulfonylureas in L6 rat skeletal muscle cells. Wang PH, et al. **J Clin Invest** 1989 Jul;84(1):62–7

Dystrophin and Duchenne's muscular dystrophy [letter] Hurko O, et al. **N Engl J Med** 1989 Aug 10;321(6):398–9

Potassium uptake in muscle during paramyotonic weakness. Moxley RT 3d, et al. **Neurology** 1989 Jul;39(7):952–5

Nuclear inclusions in innervated cultured muscle fibers from patients with oculopharyngeal muscular dystrophy. Tomé FM, et al. **Neurology** 1989 Jul;39(7):926–32

A digital test for pelvic muscle strength in older women with urinary incontinence. Brink CA, et al. **Nurs Res** 1989 Jul–Aug;38(4):196–9

The morbidity and benefits of concurrent gracilis myocutaneous graft with pelvic exenteration. Cain JM, et al. **Obstet Gynecol** 1989 Aug;74(2):185–9

Muscle biopsy testing for malignant hyperthermia [letter] Allen G, et al. **Plast Reconstr Surg** 1989 Aug;84(2):373–4

Effect of sepsis on calcium uptake and content in skeletal muscle and regulation in vitro by calcium of total and myofibrillar protein breakdown in control and septic muscle: results from a preliminary study. Benson DW, et al. **Surgery** 1989 Jul;106(1):87–93

MUSCULAR DISEASES

Detection of psoas abscess by gallium-67 scintigraphy, sonography, and CT [letter] Kida T, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):430–1

Primary stress urinary incontinence and pelvic relaxation: prospective randomized comparison of three different operations. Bergman A, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):97–101

Mitochondrial myopathies. Schapira AH. **BMJ** 1989 Apr 29; 298(6681):1127–8 (17 ref.)

Magnetic resonance imaging of the musculoskeletal system. **Clin Orthop** 1989 Jul;(244):1–130

Magnetic resonance imaging of musculoskeletal neoplasms. Berquist TH. **Clin Orthop** 1989 Jul;(244):101–18 (49 ref.)

Magnetic resonance imaging in the diagnosis of anterior tibialis muscle herniation. Zeiss J, et al. **Clin Orthop** 1989 Jul;(244):249–53

Effect of sepsis on calcium uptake and content in skeletal muscle and regulation in vitro by calcium of total and myofibrillar protein breakdown in control and septic muscle: results from a preliminary study. Benson DW, et al. **Surgery** 1989 Jul;106(1):87–93

Left-sided perinephric hematoma associated with rupture of the left hemidiaphragm: a marker for renal artery injury. Peitzman AB, et al. **Surgery** 1989 Jul;106(1):33–6

MUSCULAR DYSTROPHY

Fatal air embolism in an adolescent with Duchenne muscular dystrophy during Harrington instrumentation. Lang SA, et al. **Anesth Analg** 1989 Jul;69(1):998–1000

Autosomal recessive epidermolysis bullosa simplex. Generalized phenotypic features suggestive of junctional or dystrophic epidermolysis bullosa, and association with neuromuscular diseases. Fine JD, et al. **Arch Dermatol** 1989 Jul;125(7):931–8 (18 ref.)

Palpitation and abnormal ECG in muscular dystrophy. Hancock EW. **Hosp Pract [Off]** 1989 Jul 15;24(7):21, 24

Dystrophin and Duchenne's muscular dystrophy [letter] Hurko O, et al. **N Engl J Med** 1989 Aug 10;321(6):398–9

Nuclear inclusions in innervated cultured muscle fibers from patients with oculopharyngeal muscular dystrophy. Tomé FM, et al. **Neurology** 1989 Jul;39(7):926–32

MUSCULOCUTANEOUS NERVE

An anatomic study of the musculocutaneous nerve and its relationship to the coracoid process. Flatow EL, et al. **Clin Orthop** 1989 Jul;(244):166–71

MUSCULOSKELETAL SYSTEM

Magnetic resonance imaging of the musculoskeletal system. An overview. Bassett LW, et al. **Clin Orthop** 1989 Jul; (244):17–28 (75 ref.)

Magnetic resonance imaging of the musculoskeletal system in children. Hall TR, et al. **Clin Orthop** 1989 Jul; (244):119–30 (29 ref.)

MUSIC

Overuse injuries in musicians. Bird H. **BMJ** 1989 Apr 29; 298(6681):1129–30 (21 ref.)

MUTATION

Three point mutations in the factor IX genes of five hemophilia B patients. Identification strategy using localization by altered epitopes in their hemophilic proteins. Chen SH, et al. **J Clin Invest** 1989 Jul;84(1):113–8

Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in ten subjects determined by direct sequencing of amplified transcripts. Davidson BL, et al. **J Clin Invest** 1989 Jul;84(1):342–6

Fibrinogen Stony Brook, a heterozygous A alpha 16Arg——Cys dysfibrinogenemia. Evaluation of diminished platelet aggregation support and of enhanced inhibition of fibrin assembly. Galanakis DK, et al. **J Clin Invest** 1989 Jul;84(1):295–304

Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1–28. Brakenhoff JP, et al. **J Immunol** 1989 Aug 15;143(4):1175–82

Mutations of the mouse mu H chain which prevent polymer assembly. Davis AC, et al. **J Immunol** 1989 Aug 15; 143(4):1352–7

Mutation of 3' splice sites in two different class I genes results in different usage of cryptic splice sites. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1018–25

Expression of mutant H-2d proteins encoded by class I genes which alternatively process the 5' end of their transcripts. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1026–31

Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. **J Immunol** 1989 Jul 15; 143(2):446–51

Ig V region gene expression in small lymphocytic lymphoma with little or no somatic hypermutation. Pratt LF, et al. **J Immunol** 1989 Jul 15;143(2):699–705

MYASTHENIA GRAVIS

Autosomal recessive epidermolysis bullosa simplex. Generalized phenotypic features suggestive of junctional or dystrophic epidermolysis bullosa, and association with neuromuscular diseases. Fine JD, et al. **Arch Dermatol** 1989 Jul;125(7):931–8 (18 ref.)

Cognition in myasthenia [letter] Iwasaki Y, et al. **Neurology** 1989 Jul;39(7):1002

MYCOBACTERIUM

Crohn's disease, sulfasalazine, and mycobacteria. Van Caekenberghe D. **J Lab Clin Med** 1989 Jul;114(1):63–5

MYCOBACTERIUM AVIUM COMPLEX

Ethambutol: a key for Mycobacterium avium complex chemotherapy? [letter] Källenius G, et al. **Am Rev Respir Dis** 1989 Jul;140(1):264

MYCOBACTERIUM AVIUM-INTRACELLULARE INFECTION

Ethambutol: a key for Mycobacterium avium complex chemotherapy? [letter] Källenius G, et al. **Am Rev Respir Dis** 1989 Jul;140(1):264

Disseminated Mycobacterium avium-intracellulare infection in a patient with polymyositis [letter] Nuñez JM, et al. **Arthritis Rheum** 1989 Jul;32(7):934–6

Endobronchial Mycobacterium avium-intracellulare infection in a patient with AIDS. Mehle ME, et al. **Chest** 1989 Jul;96(1):199–201

MYCOBACTERIUM TUBERCULOSIS

Detecting antimycobacterial antibodies [letter] Van Vooren JP, et al. **Chest** 1989 Jul;96(1):223–4

Identification of antigens of Mycobacterium tuberculosis using human monoclonal antibodies. Wallis RS, et al. **J Clin Invest** 1989 Jul;84(1):214–9

MYCOSES

Disseminated Trichosporon beigelii infection after orthotopic liver transplantation. Ness MJ, et al. **Am J Clin Pathol** 1989 Jul;92(1):119–23

Combating infections in neutropenic patients. Pizzo PA. **Hosp Pract [Off]** 1989 Jul 15;24(7):93–100, 103–4, 107–10 (7 ref.)

MYELIN SHEATH

Anti-peripheral nerve myelin antibodies in Guillain-Barre syndrome bind a neutral glycolipid of peripheral myelin and cross-react with Forssman antigen. Koski CL, et al. **J Clin Invest** 1989 Jul;84(1):280–7

MYELITIS

Treatable causes of meningomyeloradiculitis in individuals infected with human immunodeficiency virus [letter] Lanska DJ, et al. **Arch Neurol** 1989 Jul;46(7):722–3

MYELODYSPLASTIC SYNDROMES

Myelodysplasia and acute leukemia following treatment for Hodgkin's disease [letter] McKenna RW, et al. **Am J Clin Pathol** 1989 Jul;92(1):127–8

MYELOGRAPHY

Outpatient myelography with fine-needle technique: an appraisal. Vezina JL, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):383–5

MYENTERIC PLEXUS

Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348–56

MYOCARDIAL CONTRACTION

Diastolic segmental compression of saphenous vein bypass graft. Chokshi SK, et al. **Am Heart J** 1989 Aug; 118(2):402–4

Prostaglandin E1 attenuates postischemic contractile dysfunction after brief coronary occlusion and reperfusion. Farber NE, et al. **Am Heart J** 1989 Jul;118(1):17–24

Radionuclide left ventricular contractile indices and their relationship to heart size in dogs. Starling MR, et al. **Am Heart J** 1989 Aug;118(2):325–33

Importance of the left ventricular filling pressure on diastolic filling in idiopathic dilated cardiomyopathy. Lavine SJ, et al. **Am J Cardiol** 1989 Jul 1;64(1):61–5

Left ventricular intrinsic contractility in pure rheumatic mitral stenosis. Mohan JC, et al. **Am J Cardiol** 1989 Jul 15;64(3):240–2

Hemodynamic and cardiodynamic effects of propofol and etomidate: negative inotropic properties of propofol. Brüssel T, et al. **Anesth Analg** 1989 Jul;69(1):901–6

Inotropic effect of ketamine on rat cardiac papillary muscle. Riou B, et al. **Anesthesiology** 1989 Jul;71(1):116–25

Heart failure secondary to diastolic dysfunction [letter] Murphy PK. **Arch Intern Med** 1989 Jul;149(7):1695

Diastolic heart failure. Diagnosis and management. Kessler KM. **Hosp Pract [Off]** 1989 Jul 15;24(7):137–41, 146–8, 158–60 passim (10 ref.)

Linearity of the left ventricular end-systolic pressure-volume relation in patients with severe heart failure. Aroney CN, et al. **J Am Coll Cardiol** 1989 Jul;14(1):127–34

Effect of nitroglycerin-induced reduction of left ventricular filling pressure on diastolic filling in acute dilated heart failure. Lavine SJ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):233–41

Patterns of regional diastolic function in the normal human left ventricle: an ultrafast computed tomographic study. Rumberger JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):119–26

MYOCARDIAL DISEASES

Treatment by pacemaker in familial amyloid polyneuropathy. Anzai N, et al. **Chest** 1989 Jul;96(1):80–4

Decreased bioactivity of the guanine nucleotide-binding protein that stimulates adenylate cyclase in hearts from cardiomyopathic Syrian hamsters. Kessler PD, et al. **J Clin Invest** 1989 Jul;84(1):244–52

MYOCARDIAL INFARCTION

Conversion of induced ventricular tachycardia by single and serial chest thumps: a study in domestic pigs 1 week after experimental myocardial infarction. Gertsch M, et al. **Am Heart J** 1989 Aug;118(2):248–55

Long-term follow-up of patients treated with coronary angioplasty for acute myocardial infarction. Kander NH, et al. **Am Heart J** 1989 Aug;118(2):228–33

Favorable early and long-term prognosis following coronary bypass surgery therapy for myocardial infarction: results of a multicenter trial. TAMI Study Group. Kereiakes DJ, et al. **Am Heart J** 1989 Aug;118(2):199–207

The effect of beta-adrenergic blockade on vulnerability to ventricular fibrillation and inducibility of ventricular arrhythmia in short- and long-term feline infarction models. Luketich J, et al. **Am Heart J** 1989 Aug; 118(2):265–71

Electrocardiographic manifestations of right ventricular infarction. Robalino BD, et al. **Am Heart J** 1989 Jul; 118(1):138–44 (37 ref.)

Prognostic significance of the signal-averaged ECG depends on the time of recording in the postinfarction period. el-Sherif N, et al. **Am Heart J** 1989 Aug;118(2):256–64

Residual left ventricular function and prognosis of patients with asymmetric septal hypertrophy recovering from acute myocardial infarction. Tzivoni D, et al. **Am Heart J** 1989 Jul;118(1):121–7

Exercise-induced ischemia in the streptokinase-reperfused myocardium: relationship to extent of salvaged myocardium and degree of residual coronary stenosis. Weiss AT, et al. **Am Heart J** 1989 Jul;118(1):9–16

A symposium: Myocardial infarction—direction for the '90s. November 12, 1988, Washington, D.C. **Am J Cardiol** 1989 Jul 18;64(4):1B–43B

A symposium: Early intervention in the treatment of acute myocardial infarction—clinical profile of Eminase (APSAC). November 12, 1988, Washington, D.C. **Am J Cardiol** 1989 Jul 5;64(2):1A–42A

Reperfusion, patency and reocclusion with anistreplase (APSAC) in acute myocardial infarction. Anderson JL. **Am J Cardiol** 1989 Jul 5;64(2):12A–17A; discussion 24A–26A (31 ref.)

Intermittent, dose-related fluctuations of pain and ST elevation during infusion of recombinant tissue plasminogen activator during acute myocardial infarction. Barbash GI, et al. **Am J Cardiol** 1989 Jul 15;64(3):225–8

Limitation of myocardial infarct size and preservation of left ventricular function by early administration of APSAC in myocardial infarction. Bassand JP, et al. **Am J Cardiol** 1989 Jul 5;64(2):18A–23A; discussion 24A–26A

Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Berman DS, et al. **Am J Cardiol** 1989 Jul 18;64(4):9B–16B

Prehospital use of APSAC: results of a placebo-controlled study. Castaigne AD, et al. **Am J Cardiol** 1989 Jul 5; 64(2):30A–33A; discussion 41A–42A

Unanswered questions in thrombolysis. Chamberlain DA. **Am J Cardiol** 1989 Jul 5;64(2):34A–40A; discussion 41A–42A (43 ref.)

Prognosis after acute myocardial infarction in patients with and without residual anterograde coronary blood flow. Cigarroa RG, et al. **Am J Cardiol** 1989 Jul 15;64(3):155–60

Effect of a media campaign on delay times and ambulance use in suspected acute myocardial infarction. Herlitz J, et al. **Am J Cardiol** 1989 Jul 1;64(1):90–3

Nuclear magnetic resonance imaging of acute myocardial infarction within 24 hours of chest pain onset. Johnston DL, et al. **Am J Cardiol** 1989 Jul 15;64(3):172–9

Increased survival after APSAC: 30-day and 12-month mortality data from the APSAC Intervention Mortality Study. Julian DG. **Am J Cardiol** 1989 Jul 5;64(2):27A–29A; discussion 41A–42A

Potential use of thrombolytic therapy before hospitalization. Kennedy JW, et al. **Am J Cardiol** 1989 Jul 5;64(2):8A–11A; discussion 24A–26A

Patient selection for percutaneous transluminal coronary angioplasty in acute myocardial infarction. King SB 3d. **Am J Cardiol** 1989 Jul 18;64(4):22B–24B

Nonthrombolytic intervention in acute myocardial infarction. Kirshenbaum JM. **Am J Cardiol** 1989 Jul 18;64(4):25B–28B (24 ref.)

Usefulness of sotalol in suppressing ventricular tachycardia or ventricular fibrillation in patients with healed myocardial infarcts. Kuchar DL, et al. **Am J Cardiol** 1989 Jul 1; 64(1):33–6

Antithrombotic therapy in the primary prevention of acute myocardial infarction. Miller GJ. **Am J Cardiol** 1989 Jul 18;64(4):29B–32B

A physiologically based model of creatine kinase-MB release in reperfusion of acute myocardial infarction. Ong L, et al. **Am J Cardiol** 1989 Jul 1;64(1):11–5

New concepts in the pathophysiology of acute myocardial infarction. Pepine CJ. **Am J Cardiol** 1989 Jul 18; 64(4):2B–8B (45 ref.)

Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Stein B, et al. **Am J Cardiol** 1989 Jul 18;64(4):33B–40B (51 ref.)

Mortality for women after acute myocardial infarction: MILIS Study Group [letter] Tofler GH, et al. **Am J Cardiol** 1989 Jul 15;64(3):256

Effect of combined administration of saruplase and single-chain alteplase on coronary recanalization in acute myocardial infarction. Tranchesi B Jr, et al. **Am J Cardiol** 1989 Jul 15;64(3):229–32

Prevention of left ventricular mural thrombus. Turpie AG. **Am J Cardiol** 1989 Jul 18;64(4):41B–43B

Predictive value of indium-111 antimyosin uptake for improvement of left ventricular wall motion after thrombolysis in acute myocardial infarction. van Vlies B, et al. **Am J Cardiol** 1989 Jul 15;64(3):167–71

Patient selection for thrombolytic therapy. Wasserman AG, et al. **Am J Cardiol** 1989 Jul 18;64(4):17B–21B (18 ref.)

Prognostic value of intravenous dipyridamole thallium scintigraphy after an acute myocardial ischemic event. Younis LT, et al. **Am J Cardiol** 1989 Jul 15;64(3):161–6

Nonemergent cardiac catheterization and risk-stratified revascularization following thrombolytic therapy for acute myocardial infarction. A critical analysis of therapy in the community setting. University of North Carolina Cardiology Consortium. Rowe WW, et al. **Arch Intern Med** 1989 Jul;149(7):1611–7

Calcium channel blockers in myocardial infarction. Skolnick AE, et al. **Arch Intern Med** 1989 Jul;149(7):1669–77 (90 ref.)

The incidence and prognosis of unrecognized myocardial infarction in the Honolulu, Hawaii, Heart Program. Yano K, et al. **Arch Intern Med** 1989 Jul;149(7):1528–32

Plasma cholesterol, coronary heart disease, and cancer [letter] **BMJ** 1989 Apr 29;298(6681):1176

Training for coronary angioplasty [letter] Mills P. **BMJ** 1989 May 13;298(6683):1310–1

Prognostic significance of programmed ventricular stimulation in survivors of acute myocardial infarction. Bhandari AK, et al. **Br Heart J** 1989 May;61(5):410–6

Favourable long term prognosis in patients with non-Q wave acute myocardial infarction not associated with specific electrocardiographic changes. Diltiazem Reinfarction Study Research Group. Boden WE, et al. **Br Heart J** 1989 May;61(5):396–402

Cineangiographic and pathological features of the infarct related vessel in successful and unsuccessful thrombolysis. Onodera T, et al. **Br Heart J** 1989 May;61(5):385–9

Pathological changes after intravenous streptokinase treatment in eight patients with acute myocardial infarction. Richardson SG, et al. **Br Heart J** 1989 May; 61(5):390–5

Instantaneous electrocardiography. A simple screening technique for cardiac exercise programs. Franklin BA, et al. **Chest** 1989 Jul;96(1):174–7

Intracoronary thrombus and complex morphology in unstable angina. Relation to timing of angiography and in-hospital cardiac events. Freeman MR, et al. **Circulation** 1989 Jul; 80(1):17–23

Stiffness of systemic arteries in patients with myocardial infarction. A noninvasive method to predict severity of coronary atherosclerosis. Hirai T, et al. **Circulation** 1989 Jul;80(1):78–86

Exercise training after experimental myocardial infarction increases the ventricular fibrillation threshold before and after the onset of reinfarction in the isolated rat heart. Posel D, et al. **Circulation** 1989 Jul;80(1):138–45

Personal adjustments and regimen compliance 1 year after myocardial infarction. Miller P, et al. **Heart Lung** 1989 Jul; 18(4):339–46

Clinical management of acute myocardial infarction. Guerci AD, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):67–80 (11 ref.)

Depolarization changes early in the course of myocardial infarction: significance of changes in the terminal portion of the QRS complex. Barnhill JE 3d, et al. **J Am Coll Cardiol** 1989 Jul;14(1):143–9

Antecedent angina: a predictor of residual stenosis after thrombolytic therapy. Bergelson BA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):91–5

Medical and surgical management of early Q wave myocardial infarction. II. Effects on mortality and global and regional left ventricular function at 10 or more years of follow-up. DeWood MA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):78–90

Medical and surgical management of early Q wave myocardial infarction. I. Effects of surgical reperfusion on survival, recurrent myocardial infarction, sudden death and functional class at 10 or more years of follow-up. DeWood MA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):65–77

Does exercise training deteriorate ventricular function? [letter] Fisman EZ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):263–4

The in-hospital development of cardiogenic shock after myocardial infarction: incidence, predictors of occurrence, outcome and prognostic factors. The MILIS Study Group. Hands ME, et al. **J Am Coll Cardiol** 1989 Jul;14(1):40–6; discussion 47–8

Risk stratification in patients with first non-Q wave infarction: limited value of the early low level exercise test after uncomplicated infarcts. The Multicenter Post-Infarction Research Group. Krone RJ, et al. **J Am Coll Cardiol** 1989 Jul;14(1):31–7; discussion 38–9

Late thrombolytic therapy preserves left ventricular function in patients with collateralized total coronary occlusion: primary end point findings of the Second Mount Sinai-New York University Reperfusion Trial. Rentrop KP, et al. **J Am Coll Cardiol** 1989 Jul;14(1):58–64

The effect of diabetes mellitus on prognosis and serial left ventricular function after acute myocardial infarction: contribution of both coronary disease and diastolic left ventricular dysfunction to the adverse prognosis. The MILIS Study Group. Stone PH, et al. **J Am Coll Cardiol** 1989 Jul;14(1):49–57

Selenium and myocardial infarction [letter] Burk RF. **JAMA** 1989 Aug 11;262(6):775

Informed consent in emergency research. Prehospital thrombolytic therapy for acute myocardial infarction. Grim PS, et al. **JAMA** 1989 Jul 14;262(2):252–5

Randomised controlled trial of subcutaneous calcium-heparin in acute myocardial infarction. The SCATI (Studio sulla Calciparina nell'Angina e nella Trombosi Ventricolare nell'Infarto) Group. **Lancet** 1989 Jul 22;2(8656):182–6

Increased plasma concentrations of endothelin-1 and big endothelin-1 in acute myocardial infarction [letter] Miyauchi T, et al. **Lancet** 1989 Jul 1;2(8653):53–4

Thrombolytic therapy [letter] Poole-Wilson PA. **Lancet** 1989 Jul 15;2(8655):153

Heparin for mural thrombosis in anterior myocardial infarction [letter] **N Engl J Med** 1989 Jul 27;321(4):259–60

Preliminary report: effect of encainide and flecainide on mortality in a randomized trial of arrhythmia suppression after myocardial infarction. The Cardiac Arrhythmia Suppression Trial (CAST) Investigators [see comment] **N Engl J Med** 1989 Aug 10;321(6):406–12. **Comment on:** N Engl J Med 1989 Aug 10;321(6): 386–8

PET detection of viable tissue in myocardial segments with persistent defects at T1-201 SPECT. Brunken RC, et al. **Radiology** 1989 Jul;172(1):65–73

Success of acute thrombolytic therapy in acute myocardial infarction: what does it demand from cardiac imaging in the 1990s? [editorial] Higgins CB. **Radiology** 1989 Jul; 172(1):17–9

Reperfused-viable and reperfused-infarcted myocardium: differentiation with in vivo P-31 MR spectroscopy. Rehr RB, et al. **Radiology** 1989 Jul;172(1):53–8

Occlusive and reperfused myocardial infarcts: differentiation with Mn-DPDP—enhanced MR imaging. Saeed M, et al. **Radiology** 1989 Jul;172(1):59–64

MYOCARDIAL REPERFUSION

Prostaglandin E1 attenuates postischemic contractile dysfunction after brief coronary occlusion and reperfusion. Farber NE, et al. **Am Heart J** 1989 Jul;118(1):17–24

Prognosis after acute myocardial infarction in patients with and without residual anterograde coronary blood flow. Cigarroa RG, et al. **Am J Cardiol** 1989 Jul 15;64(3):155–60

A physiologically based model of creatine kinase-MB release in reperfusion of acute myocardial infarction. Ong L, et al. **Am J Cardiol** 1989 Jul 1;64(1):11–5

Medical and surgical management of early Q wave myocardial infarction. I. Effects of surgical reperfusion on survival, recurrent myocardial infarction, sudden death and functional class at 10 or more years of follow-up. DeWood MA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):65–77

Reperfused-viable and reperfused-infarcted myocardium: differentiation with in vivo P-31 MR spectroscopy. Rehr RB, et al. **Radiology** 1989 Jul;172(1):53–8

Occlusive and reperfused myocardial infarcts: differentiation with Mn-DPDP—enhanced MR imaging. Saeed M, et al. **Radiology** 1989 Jul;172(1):59–64

MYOCARDIAL REPERFUSION INJURY

Prevention of postischemic cardiac injury by the orally active iron chelator 1,2-dimethyl-3-hydroxy-4-pyridone (L1) and the antioxidant (+)-cyanidanol-3. van der Kraaij AM, et al. **Circulation** 1989 Jul;80(1):158–64

Myocardial protection during ischemia by prior feeding with the creatine analog: cyclocreatine. Jacobstein MD, et al. **J Am Coll Cardiol** 1989 Jul;14(1):246–51

MYOCARDIAL REVASCULARIZATION

Intracoronary thrombus and complex morphology in unstable angina. Relation to timing of angiography and in-hospital cardiac events. Freeman MR, et al. **Circulation** 1989 Jul; 80(1):17–23

Preparation of the internal mammary artery graft. Which is the best method? Mills NL, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):73–7; discussion 78–9

Total retroperfusion of the coronary arteries and veins [letter] Pearl W, et al. **Lancet** 1989 Jul 15;2(8655):172

MYOCARDITIS

Automatic implantable defibrillator with VVI pacemaker in

a patient with chronic Chagas myocarditis and total atrioventricular block. de Paola AA, et al. **Am Heart J** 1989 Aug;118(2):415–7
Coronary microvascular narrowing in acute murine coxsackie B3 myocarditis. Silver MA, et al. **Am Heart J** 1989 Jul;118(1):173–4
Lyme carditis in The Netherlands [letter] Blaauw AA, et al. **Ann Intern Med** 1989 Aug 1;111(3):261–2
Myocarditis: review of a clinical enigma. Grady KL, et al. **Heart Lung** 1989 Jul;18(4):347–53 (19 ref.)
Orbital myositis and giant cell myocarditis. Klein BR, et al. **Neurology** 1989 Jul;39(7):988–90

MYOCARDIUM

Role of myocardial oxygen consumption in dipyridamole-induced ischemia. Picano E, et al. **Am Heart J** 1989 Aug;118(2):314–9
Antianginal and cardiac metabolic effects of low-dose glucose infusion during pacing in patients with and without coronary artery disease. Thomassen A, et al. **Am Heart J** 1989 Jul;118(1):25–32
Exercise-induced ischemia in the streptokinase-reperfused myocardium: relationship to extent of salvaged myocardium and degree of residual coronary stenosis. Weiss AT, et al. **Am Heart J** 1989 Jul;118(1):9–16
Myocardial carnitine in end-stage congestive heart failure. Pierpont ME, et al. **Am J Cardiol** 1989 Jul 1;64(1):56–60
Assessment of tissue iron overload by nuclear magnetic resonance imaging. Johnston DL, et al. **Am J Med** 1989 Jul;87(1):40–7
Comparison of the effects of halothane on skinned myocardial fibers from newborn and adult rabbit: II. Effects on sarcoplasmic reticulum. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):103–9
Distribution of extracellular potassium and electrophysiologic changes during two-stage coronary ligation in the isolated, perfused canine heart. Coronel R, et al. **Circulation** 1989 Jul;80(1):165–77
Transesophageal echocardiography. New window to the heart. Currie PJ. **Circulation** 1989 Jul;80(1):215–7
Myocardial energetics in patients with dilated cardiomyopathy. Influence of nitroprusside and enoximone. Hasenfuss G, et al. **Circulation** 1989 Jul;80(1):51–64
Decreased bioactivity of the guanine nucleotide-binding protein that stimulates adenylate cyclase in hearts from cardiomyopathic Syrian hamsters. Kessler PD, et al. **J Clin Invest** 1989 Jul;84(1):244–52
Expression of diverse Na+ channel messenger RNAs in rat myocardium. Evidence for a cardiac-specific Na+ channel. Sills MN, et al. **J Clin Invest** 1989 Jul;84(1):331–6
Studies on prolonged acute regional ischemia. I. Evidence for preserved cellular viability after 6 hours of coronary occlusion. Beyersdorf F, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):112–26

MYOPIA

Axial myopia increases the risk of retinal complications after neodymium-YAG laser posterior capsulotomy. Koch DD, et al. **Arch Ophthalmol** 1989 Jul;107(7):986–90

MYOSITIS

Pyomyositis in a child with acquired immunodeficiency syndrome. Patient report and brief review. Raphael SA, et al. **Am J Dis Child** 1989 Jul;143(7):779–81
Current concepts in the idiopathic inflammatory myopathies: polymyositis, dermatomyositis, and related disorders. Plotz PH, et al. **Ann Intern Med** 1989 Jul 15;111(2):143–57 (100 ref.)
Disseminated Mycobacterium avium-intracellulare infection in a patient with polymyositis [letter] Nuñez JM, et al. **Arthritis Rheum** 1989 Jul;32(7):934–6
Anti-KJ: a new antibody associated with the syndrome of polymyositis and interstitial lung disease. Targoff IN, et al. **J Clin Invest** 1989 Jul;84(1):162–72
Orbital myositis and giant cell myocarditis. Klein BR, et al. **Neurology** 1989 Jul;39(7):988–90
Pyomyositis in patients with diabetes. Computed tomography as a key to diagnosis. Brown RL. **Postgrad Med** 1989 Jul; 86(1):79–81, 84, 89
Spontaneous streptococcal gangrenous myositis: survival with early debridement. Doebbeling BN, et al. **South Med J** 1989 Jul;82(7):900–2

MYOTONIA

Potassium uptake in muscle during paramyotonic weakness. Moxley RT 3d, et al. **Neurology** 1989 Jul;39(7):952–5

MYXOMA

Bilateral atrial myxomas detected by transesophageal two-dimensional echocardiography. Dittmann H, et al. **Am Heart J** 1989 Jul;118(1):172–3
Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Leventhal LJ, et al. **Am J Med** 1989 Jul;87(1):111–3
Aggressive angiomyxoma first diagnosed as levator hernia. Sutton GP, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):73–5
Histogenesis of cardiac myxomas. An immunohistochemical study of 19 cases, including one with glandular structures, and review of the literature. Johansson L. **Arch Pathol Lab Med** 1989 Jul;113(7):735–41 (35 ref.)
The identity and histogenesis of cardiac myxomas. A controversy put to rest [editorial] Lie JT. **Arch Pathol Lab Med** 1989 Jul;113(7):724–6
Petrified cardiac myxoma masquerading as organized atrial mural thrombus. Lie JT. **Arch Pathol Lab Med** 1989 Jul; 113(7):742–5

NADH, NADPH OXIDOREDUCTASES

Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Altmann P, et al. **Lancet** 1989 Jul 1;2(8653):7–12

NADOLOL

Nadolol antihypertensive effect and disposition in young and elderly adults with mild to moderate essential hypertension. Mitenko PA, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):56–62

NALOXONE

Naloxone hazard in infant of opioid abuser [letter] Gibbs J, et al. **Lancet** 1989 Jul 15;2(8655):159–60

NAPROXEN

Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Taha AS, et al. **Br J Rheumatol** 1989 Aug;28(4):329–32
Gold-naproxen pneumonitis. A toxic drug interaction? McFadden RG, et al. **Chest** 1989 Jul;96(1):216–8

NARCOLEPSY

Narcoleptic twins [letter] Carlson SE. **Neurology** 1989 Jul; 39(7):1005–6
Sequelae of electrical shock [letter] Roberts HJ. **South Med J** 1989 Jul;82(7):931

NARCOTICS

Different gamma-aminobutyric acid receptor subtypes are involved in the regulation of opiate-dependent and independent luteinizing hormone-releasing hormone secretion. Masotto C, et al. **Endocrinology** 1989 Jul; 125(1):548–53
A hierarchical model of opiate addiction. Failures of self-regulation as a central aspect of substance abuse. Wilson A, et al. **J Nerv Ment Dis** 1989 Jul;177(7):390–9
Cocaine abuse and opioid withdrawal [letter] Kosten TA, et al. **Lancet** 1989 Jul 15;2(8655):165–6

NASAL BONE

Reconstruction of nasal fistulas of the medial canthus. Putterman AM. **Am J Ophthalmol** 1989 Jul 15;108(1):68–74

NASAL CAVITY

Retained nasopharyngeal airway [letter] Smith BL. **Anaesthesia** 1989 May;44(5):447

NASAL MUCOSA

Injurious effect of the eosinophil peroxide-hydrogen peroxide-halide system and major basic protein on human nasal epithelium in vitro. Ayars GH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):125–31
Role of mucus and cilia in nasal mucociliary clearance in healthy subjects. Lioté H, et al. **Am Rev Respir Dis** 1989 Jul;140(1):132–6
Measurement of nasal mucociliary clearance. Corbo GM, et al. **Arch Dis Child** 1989 Apr;64(4):546–50
Increased sulfation of glycoconjugates by cultured nasal epithelial cells from patients with cystic fibrosis. Cheng PW, et al. **J Clin Invest** 1989 Jul;84(1):68–72

NASAL SEPTUM

Secure endoscopic sinus surgery as an adjunct to functional nasal surgery. Toffel PH, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):822–5

NASOPHARYNGEAL DISEASES

Magnetic resonance imaging of Thornwaldt's cyst. Norfray JF, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):569–70
Nasopharyngeal cysts. Report of seven cases with review of the literature. Nicolai P, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):860–4 (41 ref.)

NASOPHARYNGEAL NEOPLASMS

Polymorphous low-grade adenocarcinoma of seromucous glands of the nasopharynx. A report of a case and a discussion of the morphologic and immunohistochemical features. Wenig BM, et al. **Am J Clin Pathol** 1989 Jul; 92(1):104–9 (15 ref.)

NATIONAL HEALTH PROGRAMS

Health care for the homeless in a national health program. Reuler JB. **Am J Public Health** 1989 Aug;79(8):1033–5
What should be done about the uninsured poor? [letter] Navarro V. **JAMA** 1989 Jul 14;262(2):209–10
Health inequalities in Britain and Sweden. Vågerö D, et al. **Lancet** 1989 Jul 1;2(8653):35–6
A national health program [letter] **West J Med** 1989 May; 150(5):587–9

NATIONAL INSTITUTES OF HEALTH (U.S.)

The National Cancer Institute's Smoking, Tobacco, and Cancer Program. Cullen JW. **Chest** 1989 Jul;96(1 Suppl):9S–13S
Growth of digestive diseases research funds and investigators supported by the National Institutes of Health. Kalser SC, et al. **Gastroenterology** 1989 Aug;97(2):482–7
Federal support for digestive diseases research [editorial] Trier JS. **Gastroenterology** 1989 Aug;97(2):504–5

NATRIURETIC PEPTIDES, ATRIAL

Stimulation of atrial natriuretic peptide and vasopressin during percutaneous transluminal aortic valvuloplasty. Lewin RF, et al. **Am Heart J** 1989 Aug;118(2):292–8
Increase in plasma atrial natriuretic factor during ventriculoatrial pacing. Ellenbogen KA, et al. **Am J Cardiol** 1989 Jul 15;64(3):236–7
Atrial natriuretic peptide attenuates the reflex sympathetic responses to lower body negative pressure. Imam K, et al. **Am J Med Sci** 1989 Jul;298(1):1–7
Chronic blockade of endogenous atrial natriuretic polypeptide (ANP) by monoclonal antibody against ANP accelerates the development of hypertension in spontaneously hypertensive and deoxycorticosterone acetate-salt-hypertensive rats. Itoh H, et al. **J Clin Invest** 1989 Jul;84(1):145–54
The effect of subarachnoid hemorrhage on blood and CSF atrial natriuretic factor. Rosenfeld JV, et al. **J Neurosurg** 1989 Jul;71(1):32–7
Atrial natriuretic peptide in patients with obstructive uropathy. Gulmi FA, et al. **J Urol** 1989 Aug;142(2):268–72

NAUSEA

Haloperidol and lorazepam for the treatment of nausea and vomiting associated with the treatment of intractable migraine headaches [letter] Backonja M, et al. **Arch Neurol** 1989 Jul;46(7):724

NEBULIZERS AND VAPORIZERS

Vaporizer for volatile anesthetics during high-frequency jet ventilation. Mazloomdoost M, et al. **Anesthesiology** 1989 Jul;71(1):150–3
Delivery of albuterol and ipratropium bromide from two nebulizer systems in chronic stable asthma. Efficacy and pulmonary deposition. Johnson MA, et al. **Chest** 1989 Jul; 96(1):6–10

NECK

Stab wounds to the neck: role of angiography. Hartling RP, et al. **Radiology** 1989 Jul;172(1):79–82

NEEDLES

Outpatient myelography with fine-needle technique: an appraisal. Vezina JL, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):383–5
Fluid flow through dural puncture sites. An in vitro comparison of needle point types. Cruickshank RH, et al. **Anaesthesia** 1989 May;44(5):415–8
Optimum needle length for diphtheria-tetanus-pertussis inoculation of infants. Hick JF, et al. **Pediatrics** 1989 Jul; 84(1):136–7
Needle injuries among pediatric housestaff physicians in New York City. Melzer SM, et al. **Pediatrics** 1989 Aug; 84(2):211–4

NEGROID RACE

Data sought to link adverse pregnancy outcome with maternal serum alpha-fetoprotein levels in black gravid women [letter] Lenke RR. **Am J Obstet Gynecol** 1989 Jul; 161(1):254–5

NEISSERIA MENINGITIDIS

ACP Broadsheet 121: June 1989. Investigation of meningococcal disease. Cartwright KA, et al. **J Clin Pathol** 1989 Jun;42(6):634–9

NEMATODA

Intestinal perforation caused by larval Eustrongylides (Nematoda: Dioctophymatoidae) in New Jersey. Eberhard ML, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):648–50

NEMATODE INFECTIONS

Intestinal perforation caused by larval Eustrongylides (Nematoda: Dioctophymatoidae) in New Jersey. Eberhard ML, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):648–50

NEONATAL ABSTINENCE SYNDROME

Naloxone hazard in infant of opioid abuser [letter] Gibbs J, et al. **Lancet** 1989 Jul 15;2(8655):159–60

NEOPLASM PROTEINS

Establishment of a cell line producing bone morphogenetic protein from a human osteosarcoma. Takaoka K, et al. **Clin Orthop** 1989 Jul;(244):258–64

Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Akatsu T, et al. **Endocrinology** 1989 Jul;125(1):20–7

Parathyroid hormone-related protein modulates the effect of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):199–208

PTHrP secretion is stimulated by CT and inhibited by CgA peptides. Deftos LJ, et al. **Endocrinology** 1989 Jul; 125(1):563–5

Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. Cooper HL, et al. **J Immunol** 1989 Aug 1;143(3):956–63

NEOPLASM RECURRENCE, LOCAL

Local recurrence after sphincter-saving resection for rectal adenocarcinoma. Warneke J, et al. **Am J Surg** 1989 Jul; 158(1):3–5

Noncontiguous local recurrence of posterior uveal melanoma after cobalt 60 episcleral plaque therapy. Duker JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1019–22

Magnetic resonance imaging in recurrent carcinoma of the cervix. Williams MP, et al. **Br J Radiol** 1989 Jun; 62(738):544–50

Salvage surgery for advanced local recurrence of breast cancer. Flook D, et al. **Br J Surg** 1989 May;76(5):512–4

The value of immunoscintigraphy for the operative retreatment of colorectal cancer. Limitations of a new diagnostic method. Hölting T, et al. **Cancer** 1989 Aug 15; 64(4):830–3

Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Kaketani K, et al. **Cancer** 1989 Aug 15;64(4):887–91

Endoscopic laser treatment for rectosigmoid villous adenoma: factors affecting the results. Brunetaud JM, et al. **Gastroenterology** 1989 Aug;97(2):272–7

Cellular congenital mesoblastic nephroma: what are the options. Gormley TS, et al. **J Urol** 1989 Aug;142(2 Pt 2):479–83; discussion 489 (35 ref.)

The predictive value of repeated urine cell culture in soft agar for recurrences of transitional cell carcinoma. Kirkels WJ, et al. **J Urol** 1989 Aug;142(2):422–4

Prognostic factors for recurrence and followup policies in the treatment of superficial bladder cancer: report from the British Medical Research Council Subgroup on Superficial Bladder Cancer (Urological Cancer Working Party). Parmar MK, et al. **J Urol** 1989 Aug;142(2):284–8

Repetitive complete and partial hydatidiform mole. Rice LW, et al. **Obstet Gynecol** 1989 Aug;74(2):217–9

Suture calcification mimicking recurrence in the irradiated breast: a potential pitfall in mammographic evaluation. Davis SP, et al. **Radiology** 1989 Jul;172(1):247–8

NEOPLASM REGRESSION, SPONTANEOUS

Spontaneous resolution of a cystic neck mass in a fetus with normal karyotype. Distell BM, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):380–2

NEOPLASM SEEDING

The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer. Meacham RB, et al. **J Urol** 1989 Aug;142(2):320–5

NEOPLASM STAGING

Value of the new TNM staging system for lung cancer. Mountain CF. **Chest** 1989 Jul;96(1 Suppl):47S–49S

Staging techniques and biopsy of bone tumors. Heare TC, et al. **Orthop Clin North Am** 1989 Jul;20(3):273–85 (29 ref.)

NEOPLASMS

Dietary deficiency of phylloquinone and reduced serum levels in febrile neutropenic cancer patients. Conly J, et al. **Am J Clin Nutr** 1989 Jul;50(1):109–13

Cutaneous Rhizopus and Aspergillus infections in five patients with cancer. Khardori N, et al. **Arch Dermatol** 1989 Jul;125(7):952–6 (31 ref.)

Lymph node hemangioma. Kasznica J, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):804–7 (8 ref.)

Cancer cluster investigation: toward a more rational approach [editorial] Leech JA. **Can Med Assoc J** 1989 Jul 15;141(2):105–6

Listeriosis in the setting of malignant disease. Changing issues in an unusual infection. Hantel A, et al. **Cancer** 1989 Jul 15;64(2):516–20

Deep vein thrombosis of the arm associated with malignancy. Hung SS. **Cancer** 1989 Jul 15;64(2):531–5

A phase I study of interleukin-2 in children with cancer and evaluation of clinical and immunologic status during therapy. A Pediatric Oncology Group Study. Nasr S, et al. **Cancer** 1989 Aug 15;64(4):783–8

Distribution of acid stable trypsin inhibitor immunoreactivity in normal and malignant human tissues. Yoshida E, et al. **Cancer** 1989 Aug 15;64(4):860–9

The National Cancer Institute's Smoking, Tobacco, and Cancer Program. Cullen JW. **Chest** 1989 Jul;96(1 Suppl):9S–13S

Clinical trials for clinicians. Gelber RD, et al. **Chest** 1989 Jul;96(1 Suppl):97S–101S

Morphometric diagnosis of serous effusions: refinement of differences between benign and malignant cases by use of outlying values and larger sample size. Scott N, et al. **J Clin Pathol** 1989 Jun;42(6):607–12

Influenza in children with cancer. Kempe A, et al. **J Pediatr** 1989 Jul;115(1):33–9

Photodynamic therapy. **Lancet** 1989 Jul 8;2(8654):81–2 (18 ref.)

Low cholesterol and increased risk [letter] Oliver MF. **Lancet** 1989 Jul 15;2(8655):163

Peptide regulatory factors and malignancy. Steel CM. **Lancet** 1989 Jul 1;2(8653):30–4 (41 ref.)

Subdural hematoma in patients with systemic cancer. Minette SE, et al. **Mayo Clin Proc** 1989 Jun;64(6):637–42

Microvascular applications in limb sparing tumor surgery. Hausman M. **Orthop Clin North Am** 1989 Jul;20(3):427–37 (52 ref.)

Behavioral distress in pediatric patients with cancer receiving chemotherapy. Dolgin MJ, et al. **Pediatrics** 1989 Jul; 84(1):103–10

Malignant versus nonmalignant retroperitoneal fibrosis: differentiation with MR imaging. Arrivé L, et al. **Radiology** 1989 Jul;172(1):139–43

Necrotizing gas-forming infections in cancer patients. Chu DZ, et al. **South Med J** 1989 Jul;82(7):860–3

The use of fine-needle aspiration biopsy in children. Cohen MB, et al. **West J Med** 1989 Jun;150(6):665–7

NEOPLASMS, EMBRYONAL AND MIXED

Germ cell function and hormonal status in patients with testicular cancer. Hansen PV, et al. **Cancer** 1989 Aug 15; 64(4):956–61

Small round cell tumors. Pritchard DJ. **Orthop Clin North Am** 1989 Jul;20(3):367–75 (23 ref.)

NEOPLASMS, EXPERIMENTAL

Is cancer adaptation gone awry? [news] Merz B. **JAMA** 1989 Aug 11;262(6):733–4

NEOPLASMS, MULTIPLE ENDOCRINE

Multiple endocrine syndrome type I. Clinical, laboratory findings, and management in five families. Samaan NA, et al. **Cancer** 1989 Aug 1;64(3):741–52

Multiple endocrine neoplasia type II with Zollinger-Ellison syndrome caused by a solitary pancreatic gastrinoma. Maton PN, et al. **JAMA** 1989 Jul 28;262(4):535–7

Clonality of parathyroid tumors in familial multiple endocrine neoplasia type 1. Friedman E, et al. **N Engl J Med** 1989 Jul 27;321(4):213–8

Association of parathyroid tumors in multiple endocrine neoplasia type 1 with loss of alleles on chromosome 11. Thakker RV, et al. **N Engl J Med** 1989 Jul 27;321(4):218–24

NEOPLASMS, MULTIPLE PRIMARY

Bilateral atrial myxomas detected by transesophageal two-dimensional echocardiography. Dittmann H, et al. **Am Heart J** 1989 Jul;118(1):172–3

Colon polyps in asymptomatic persons [letter] Varner DR Jr, et al. **Ann Intern Med** 1989 Jul 15;111(2):187

Scleroderma and breast carcinoma [letter] Papasavvas G, et al. **Br J Rheumatol** 1989 Aug;28(4):366–7

Intratubular germ cell neoplasia in testicular teratomas and epidermoid cysts. Correlation with prognosis and possible biologic significance. Manivel JC, et al. **Cancer** 1989 Aug 1;64(3):715–20

Cancer superimposed on adult T-cell leukemia. Ono K, et al. **Cancer** 1989 Aug 1;64(3):635–40

Six primary cancers in individuals [letter] Shah IA. **Cancer** 1989 Jul 15;64(2):566–7

Juvenile hyaline fibromatosis: A case report and review of musculoskeletal manifestations. O'Neill DB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):941–4 (26 ref.)

Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358–60

NEOPLASMS, RADIATION-INDUCED

Cancer risk associated with therapeutic irradiation of skin. Burns FJ. **Arch Dermatol** 1989 Jul;125(7):979–81 (20 ref.)

Ultraviolet radiation, Langerhans' cells, and skin cancer. Conspiracy and failure. Cruz PD Jr, et al. **Arch Dermatol** 1989 Jul;125(7):975–9 (54 ref.)

Prior x-ray therapy for acne related to tumors of the parotid gland. Preston-Martin S. **Arch Dermatol** 1989 Jul; 125(7):921–4

Hemoptysis as the presenting manifestation of thyroid carcinoma. A case report. Weiland JE, et al. **Arch Intern Med** 1989 Jul;149(7):1693–4

Morphologic changes in the thyroid after irradiation for Hodgkin's and non-Hodgkin's lymphoma. Carr RF, et al. **Cancer** 1989 Aug 15;64(4):825–9

NEOPLASMS, UNKNOWN PRIMARY

Metastatic carcinoma of unknown primary: complete response to second-line treatment with plicamycin. Hescock H Jr, et al. **Am J Med Sci** 1989 Jul;298(1):34–7

Peritoneal carcinomatosis of unknown primary site in women. A distinctive subset of adenocarcinoma. Strnad CM, et al. **Ann Intern Med** 1989 Aug 1;111(3):213–7

cis-platinum, a treatment for refractory rheumatoid arthritis? [letter] Sanchez-Burson J, et al. **Br J Rheumatol** 1989 Aug; 28(4):358

Metastatic squamous cell carcinoma of an unknown primary localized to the neck. Advantages of an aggressive treatment. de Braud F, et al. **Cancer** 1989 Jul 15;64(2):510–5

Malignant ascites of unknown origin. Ringenberg QS, et al. **Cancer** 1989 Aug 1;64(3):753–5

NEOPLASMS, VASCULAR TISSUE

Sapphire tip technology for YAG laser excisions in plastic surgery. Apfelberg DB, et al. **Plast Reconstr Surg** 1989 Aug;84(2):273–9

NEOPLASTIC ENDOCRINE-LIKE SYNDROMES

Ectopic adrenocorticotropic hormone syndrome: localization studies in 28 patients. Doppman JL, et al. **Radiology** 1989 Jul;172(1):115–24

NEOSTIGMINE

Complete heart block following glycopyrronium/neostigmine mixture [letter] Lonsdale M, et al. **Anaesthesia** 1989 May;44(5):448–9

Dose-response relationships for edrophonium and neostigmine as antagonists of atracurium and vecuronium neuromuscular blockade. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):37–43

NEOVASCULARIZATION

Bilateral subretinal neovascularization after focal argon laser photocoagulation for diabetic macular edema. Berger AR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):88–90

Partial ablation of neovascular membranes involving the fovea [letter] Tornambe PE, et al. **Arch Ophthalmol** 1989 Jul;107(7):955–6

Intraocular neovascularization and retinal energy metabolism [letter] Wilson DJ. **Arch Ophthalmol** 1989 Jul;107(7):953–4

The rate of vascularization of coralline hydroxyapatite. Grenga TE, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):245–9

NEPHELOMETRY AND TURBIDIMETRY

Evaluation of the new Behring Nephelometer in the measurement of M proteins. Vuorinen PI, et al. **Am J Clin Pathol** 1989 Jul;92(1):93–6

NEPHRECTOMY

Sex vulnerability in the subtotal nephrectomy model of glomerulosclerosis in the rat. Lombet JR, et al. **J Lab Clin Med** 1989 Jul;114(1):66–74

Effect of protein intake on lifelong changes in renal function of rats unilaterally nephrectomized at young age. Provoost AP, et al. **J Lab Clin Med** 1989 Jul;114(1):19–26

Surgery for duplex kidneys with ectopic ureters: ipsilateral ureteroureterostomy versus polar nephrectomy. Smith FL, et al. **J Urol** 1989 Aug;142(2 Pt 2):532–4; discussion 542–3

NEPHRITIS, INTERSTITIAL

Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies. Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. Haverty TP, et al. **J Immunol** 1989 Aug 15; 143(4):1133–41

NEPHROBLASTOMA

Nephroblastomatosis. An overview [editorial] Bove KE. **Arch Pathol Lab Med** 1989 Jul;113(7):723–4
Bilateral diffuse nephroblastomatosis, pancortical type. A case report with immunohistochemical investigations. Murata T, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):729–34
Treatment of Wilms' tumor. Results of the Third National Wilms' Tumor Study. D'Angio GJ, et al. **Cancer** 1989 Jul 15;64(2):349–60
Multilocular cyst of the kidney (cystic nephroma) and cystic, partially differentiated nephroblastoma. Terminology and criteria for diagnosis. Joshi VV, et al. **Cancer** 1989 Jul 15; 64(2):466–79
Integration of nutrition support into oncologic treatment protocols for high and low nutritional risk children with Wilms' tumor. A prospective randomized study. Rickard KA, et al. **Cancer** 1989 Jul 15;64(2):491–509
Wilms tumorlet, nodular renal blastema and multicystic renal dysplasia. Dimmick JE, et al. **J Urol** 1989 Aug;142(2 Pt 2):484–5; discussion 489
Cellular congenital mesoblastic nephroma: what are the options. Gormley TS, et al. **J Urol** 1989 Aug;142(2 Pt 2):479–83; discussion 489 (35 ref.)
Nodular renal blastema in the multicystic kidney. Noe HN, et al. **J Urol** 1989 Aug;142(2 Pt 2):486–8; discussion 489
Multilocular cyst (multilocular cystic nephroma) of the kidney: a report of 2 cases with an unusual mode of presentation. Thijssen AM, et al. **J Urol** 1989 Aug;142(2):346–8
Malignant rhabdoid tumor of the kidney: radiologic features. Sisler CL, et al. **Radiology** 1989 Jul;172(1):211–2

NEPHROCALCINOSIS

Nephrocalcinosis in Shwachman's syndrome. D'Angio CT, et al. **Arch Dis Child** 1989 Apr;64(4):614–5

NEPHROSTOMY, PERCUTANEOUS

Priorities in urinary diversion following pyeloplasty. Wollin M, et al. **J Urol** 1989 Aug;142(2 Pt 2):576–8; discussion 603–5

NEPHROTIC SYNDROME

IgG subclasses in children with nephrotic syndrome. Warshaw BL, et al. **Am J Clin Pathol** 1989 Jul;92(1):68–72
Insulinlike growth factors in patients with active nephrotic syndrome. Garin EH, et al. **Am J Dis Child** 1989 Jul; 143(7):865–7
Low dose prednisolone in nephrotic syndrome. Choonara IA, et al. **Arch Dis Child** 1989 Apr;64(4):610–1

NERVE BLOCK

Stellate ganglion block with bupivacaine. Minimum effective concentration of bupivacaine and the effect of added potassium. Hardy PA. **Anesthesia** 1989 May;44(5):398–9
Penile block via the subpubic space in 100 children. Dalens B, et al. **Anesth Analg** 1989 Jul;69(1):907–11
Poststernotomy neuralgia: a new pain syndrome. Defalque RJ, et al. **Anesth Analg** 1989 Jul;69(1):947–8
Bleeding after intercostal nerve block in a patient anticoagulated with heparin. Nielsen CH. **Anesthesiology** 1989 Jul;71(1):162–4
Axillary block utilizing the pulse oximeter [letter] Sullivan MJ, et al. **Anesthesiology** 1989 Jul;71(1):166–7

NERVE DEGENERATION

Wallerian degeneration after cerebral infarction: evaluation with sequential MR imaging. Kuhn MJ, et al. **Radiology** 1989 Jul;172(1):179–82

NERVE REGENERATION

Regeneration in the rat optic nerve after cold injury. Murakami M, et al. **J Neurosurg** 1989 Aug;71(2):254–65
Nerve regeneration patterns after acute ischemic injury. Korthals JK, et al. **Neurology** 1989 Jul;39(7):932–7

NERVE TISSUE PROTEINS

PTHrP secretion is stimulated by CT and inhibited by CgA peptides. Deftos LJ, et al. **Endocrinology** 1989 Jul; 125(1):563–5
Amyloid protein in Alzheimer's disease. Joachim CL, et al. **J Gerontol** 1989 Jul;44(4):B77–82 (69 ref.)

NERVOUS SYSTEM

Acid-base status at birth and neurodevelopmental outcome at four and one-half years. Dennis J, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):213–20
Neurological outcome after out-of-hospital cardiac arrest. Prediction by cerebrospinal fluid enzyme analysis. Roine RO, et al. **Arch Neurol** 1989 Jul;46(7):753–6
The Sunnybrook Neurotrauma Assessment Record: improving trauma data collection. Kondziolka D, et al. **J Trauma** 1989 Jun;29(6):730–5
Progress in medical defense against nerve agents. Dunn MA, et al. **JAMA** 1989 Aug 4;262(5):649–52 (21 ref.)
Magnetism. A new method for stimulation of nerve and brain [clinical conference] Hallett M, et al. **JAMA** 1989 Jul 28; 262(4):538–41
Nerve regeneration patterns after acute ischemic injury. Korthals JK, et al. **Neurology** 1989 Jul;39(7):932–7
Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Riggs JE, et al. **Neurology** 1989 Jul; 39(7):997–8

NERVOUS SYSTEM DISEASES

Oral acyclovir and neurotoxicity [letter] Swan SK, et al. **Ann Intern Med** 1989 Jul 15;111(2):188
Hemianesthesia and aphasia. An anatomical and behavioral study. Hyman BT, et al. **Arch Neurol** 1989 Jul;46(7):816–9
Very-low-birth-weight, preterm infants with or without intracranial hemorrhage. Neurologic, cognitive and cranial MRI correlations at 4–8-year follow-up. Ford LM, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):302–10
Predominance of Borrelia burgdorferi specific B cells in cerebrospinal fluid in neuroborreliosis. Baig S, et al. **Lancet** 1989 Jul 8;2(8654):71–4
A model for multisystem evaluation, interpretation, and treatment of individuals with neurologic dysfunction. Schenkman M, et al. **Phys Ther** 1989 Jul;69(7):538–47

NERVOUS SYSTEM NEOPLASMS

Photoradiation therapy of tumors [letter] Steichen JD. **J Neurosurg** 1989 Jul;71(1):151–2

NEURAL CONDUCTION

Spinal cord transmission of impulses during high spinal anesthesia as measured by cortical evoked potentials. Lang E, et al. **Anesth Analg** 1989 Jul;69(1):881–6

NEURAL INHIBITION

Sympathoinhibitory responses to digitalis glycosides in heart failure patients. Direct evidence from sympathetic neural recordings. Ferguson DW, et al. **Circulation** 1989 Jul; 80(1):65–77

NEURAL TUBE DEFECTS

Ovulation induction and neural tube defects [letter] Czeizel A. **Lancet** 1989 Jul 15;2(8655):167

NEURALGIA

Poststernotomy neuralgia: a new pain syndrome. Defalque RJ, et al. **Anesth Analg** 1989 Jul;69(1):947–8

NEURILEMMOMA

Neurilemoma of the sciatic nerve mimicking tarsal tunnel syndrome. Report of a case. Wolock BS, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):932–4

NEUROBLASTOMA

Primary orbital neuroblastoma. Bullock JD, et al. **Arch Ophthalmol** 1989 Jul;107(7):1031–3
Disparate urinary catecholamine patterns in secondary hypertension due to unique sequential development of pheochromocytoma and neuroblastoma. Amodeo C, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):800–2
Small round cell tumors. Pritchard DJ. **Orthop Clin North Am** 1989 Jul;20(3):367–75 (23 ref.)

NEUROFIBROMATOSIS

Neurofibromatosis type 1 (Recklinghausen's disease). Neurologic and cognitive assessment with sibling controls. Eldridge R, et al. **Am J Dis Child** 1989 Jul;143(7):833–7
Type 1 neurofibromatosis: selective expression of extracellular matrix genes by Schwann cells, perineurial cells, and fibroblasts in mixed cultures. Jaakkola S, et al. **J Clin Invest** 1989 Jul;84(1):253–61
Neurofibromatosis types 1 and 2: cranial MR findings. Aoki S, et al. **Radiology** 1989 Aug;172(2):527–34
Lupus anticoagulant and cerebrovascular accident in a patient with neurofibromatosis. Carr ME Jr, et al. **South Med J** 1989 Jul;82(7):921–3

NEUROGLIA

Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314–20

NEUROLEPTIC MALIGNANT SYNDROME

Potential confusion of neuroleptic malignant syndrome and Wilson's disease [letter] Dening TR, et al. **Lancet** 1989 Jul 1;2(8653):43

NEUROLOGIC EXAMINATION

Uniform SAH grading [letter] Stålhammar D, et al. **J Neurosurg** 1989 Aug;71(2):303–4

NEUROMA, ACOUSTIC

Neurofibromatosis types 1 and 2: cranial MR findings. Aoki S, et al. **Radiology** 1989 Aug;172(2):527–34

NEUROMUSCULAR DISEASES

Neuromuscular blockade with magnesium sulfate and nifedipine. Snyder SW, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):35–6
Glutamate dehydrogenase and aspartate aminotransferase in leukocytes of patients with motor neuron disease. Hugon J, et al. **Neurology** 1989 Jul;39(7):956–8
Human leg neuromuscular diseases: P-31 MR spectroscopy. Bárány M, et al. **Radiology** 1989 Aug;172(2):503–8

NEUROMUSCULAR JUNCTION

The effect of acutely administered phenytoin on vecuronium-induced neuromuscular blockade. Gray HS, et al. **Anesthesia** 1989 May;44(5):379–81
Comparison of tracheal intubating conditions and neuromuscular blocking profiles after intubating doses of mivacurium chloride or succinylcholine in surgical outpatients. Goldberg ME, et al. **Anesth Analg** 1989 Jul; 69(1):959–65
Dose-response relationships for edrophonium and neostigmine as antagonists of atracurium and vecuronium neuromuscular blockade. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):37–43

NEURONS

Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314–20

NEUROPEPTIDE Y

Evidence for neuropeptide Y synthesis in the rat anterior pituitary and the influence of thyroid hormone status: comparison with vasoactive intestinal peptide, substance P, and neurotensin. Jones PM, et al. **Endocrinology** 1989 Jul;125(1):334–41
Neuropeptide-Y suppresses pulsatile secretion of luteinizing hormone in ovariectomized rats: possible site of action. McDonald JK, et al. **Endocrinology** 1989 Jul;125(1):186–91

NEUROPEPTIDES

Calcitonin, katacalcin, and calcitonin gene-related peptide in the human prostate. An immunocytochemical and immunoelectron microscopic study. di Sant'Agnese PA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):790–6
Evidence for neuropeptide Y synthesis in the rat anterior pituitary and the influence of thyroid hormone status: comparison with vasoactive intestinal peptide, substance P, and neurotensin. Jones PM, et al. **Endocrinology** 1989 Jul;125(1):334–41
Inhibitory effect of galanin on postprandial gastrointestinal motility and gut hormone release in humans Bauer FE, et al. **Gastroenterology** 1989 Aug;97(2):260–4

NEUROPSYCHOLOGICAL TESTS

Association of left-handedness with ventricle size and neuropsychological performance in schizophrenia. Katsanis J, et al. **Am J Psychiatry** 1989 Aug;146(8):1056–8
Inferior parietal region implicated in neurocognitive impairment in schizophrenia [letter] Cleghorn JM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):758–60
Human callosal function: MRI-verified neuropsychological functions. Gazzaniga MS, et al. **Neurology** 1989 Jul; 39(7):942–6
Hemispatial neglect [letter] LeFever FF. **Neurology** 1989 Jul; 39(7):1006

NEUROREGULATORS

Neurochemical abnormalities of anorexia nervosa and bulimia nervosa. Fava M, et al. **Am J Psychiatry** 1989 Aug; 146(8):963–71 (98 ref.)

NEUROSECRETORY SYSTEMS

Advances in the biology of lung cancer. Clinical significance of neuroendocrine differentiation. Gazdar AF. **Chest** 1989 Jul;96(1 Suppl):39S–41S (15 ref.)
Neuroendocrine control of thymic hormonal production. I. Prolactin stimulates in vivo and in vitro the production of thymulin by human and murine thymic epithelial cells. Dardenne M, et al. **Endocrinology** 1989 Jul;125(1):3–12

NEUROSURGERY

Fifty-seven years ago in Anesthesia & Analgesia. D. A. Wood: Survey of anesthesia given in 550 brain operations in the years 1921 to 1930 inclusive. Current Researches

in Anesthesia and Analgesia: 1932;11:201-5. Wood DA. **Anesth Analg** 1989 Jul;69(1):880

NEUROSYPHILIS

Neurosyphilis and stroke in a patient with antibodies to the human immunodeficiency virus. Reid SE, et al. **Am J Med** 1989 Jul;87(1):119-20

NEUTRALIZATION TESTS

Neutralization-sensitive epitopes are exposed on the surface of infectious Cryptosporidium parvum sporozoites. Riggs MW, et al. **J Immunol** 1989 Aug 15;143(4):1340-5

NEUTROPHILS

Anti-neutrophil-elastase defenses of the lower respiratory tract in alpha 1-antitrypsin deficiency directly augmented with an aerosol of alpha 1-antitrypsin. Hubbard RC, et al. **Ann Intern Med** 1989 Aug 1;111(3):206-12

Oxidative activity of polymorphonuclear leukocytes after thermal injury. Dobke MK, et al. **Arch Surg** 1989 Jul; 124(7):856-9

Human neutrophils contain and bind high molecular weight kininogen. Gustafson EJ, et al. **J Clin Invest** 1989 Jul; 84(1):28-35

The release of neutrophil chemoattractant activity by bronchoalveolar macrophages from adult and senescent mice. Esposito AL, et al. **J Gerontol** 1989 Jul;44(4):B93-9

Adenosine regulates the respiratory burst of cytokine-triggered human neutrophils adherent to biologic surfaces. de la Harpe J, et al. **J Immunol** 1989 Jul 15; 143(2):596-602

Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. Mukaida N, et al. **J Immunol** 1989 Aug 15;143(4):1366-71

Mechanism of arachidonic acid liberation in platelet-activating factor-stimulated human polymorphonuclear neutrophils. Nakashima S, et al. **J Immunol** 1989 Aug 15;143(4):1295-302

Neutrophil cathepsin G increases calcium flux and inositol polyphosphate production in cultured endothelial cells. Peterson MW, et al. **J Immunol** 1989 Jul 15;143(2):609-16

Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. Shau HY, et al. **J Immunol** 1989 Aug 1;143(3):1066-72

Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. **J Immunol** 1989 Aug 15; 143(4):1274-7

Neutrophil oxidative metabolism after exposure to bacterial phospholipase C. Styrt B, et al. **J Lab Clin Med** 1989 Jul; 114(1):51-7

Altered polymorphonuclear neutrophilic granulocyte functions in patients with large burns. Bjerknes R, et al. **J Trauma** 1989 Jun;29(6):847-55

Suppression of leukocyte function and intracellular content of ATP in hyperosmotic condition comparable to the renal medulla. Matsumoto T, et al. **J Urol** 1989 Aug;142(2):399-402

Tissue destruction by neutrophils [letter] **N Engl J Med** 1989 Aug 3;321(5):327-9

NEVUS

Superficial destruction of giant congenital nevocytic nevi [letter] Zitelli JA. **Plast Reconstr Surg** 1989 Aug; 84(2):374-5

NIACIN

Correlation between niacin equivalent intake and urinary excretion of its metabolites, N'-methylnicotinamide, N'-methyl-2-pyridone-5-carboxamide, and N'-methyl-4-pyridone-3-carboxamide, in humans consuming a self-selected food. Shibata K, et al. **Am J Clin Nutr** 1989 Jul;50(1):114-9

Fulminant hepatic failure after ingestion of sustained-release nicotinic acid. Mullin GE, et al. **Ann Intern Med** 1989 Aug 1;111(3):253-5

NICARDIPINE

Haemodynamic responses to nicardipine in humans anaesthetised with halothane. Ray DC, et al. **Anaesthesia** 1989 May;44(5):382-5

NICOTINAMIDE

Correlation between niacin equivalent intake and urinary excretion of its metabolites, N'-methylnicotinamide, N'-methyl-2-pyridone-5-carboxamide, and N'-methyl-4-pyridone-3-carboxamide, in humans consuming a self-selected food. Shibata K, et al. **Am J Clin Nutr** 1989 Jul;50(1):114-9

NICOTINE

Home air nicotine levels and urinary cotinine excretion in preschool children. Henderson FW, et al. **Am Rev Respir Dis** 1989 Jul;140(1):197-201

Daily use of smokeless tobacco: systemic effects. Benowitz NL, et al. **Ann Intern Med** 1989 Jul 15;111(2):112-6

Quitting smoking: nicotine vs placebo gum [letter] Jacobson TA. **JAMA** 1989 Aug 11;262(6):773-4

"Hip-pocket" sign in the diagnosis of nicotine poisoning [letter] Haruda F. **Pediatrics** 1989 Jul;84(1):196

NIFEDIPINE

Comparison of atenolol and nifedipine in chronic stable angina pectoris. Shapiro W, et al. **Am J Cardiol** 1989 Jul 15;64(3):186-90

Superior efficacy of propranolol versus nifedipine in double-component angina, as related to different influences on coronary vasomotility. DeCesare N, et al. **Am J Med** 1989 Jul;87(1):15-21

Neuromuscular blockade with magnesium sulfate and nifedipine. Snyder SW, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):35-6

Sublingual nifedipine in acute severe hypertension [letter] Hatton RC, et al. **Arch Dis Child** 1989 Apr;64(4):633

Rectal nifedipine in acute severe hypertension in young children [letter] Uchiyama M, et al. **Arch Dis Child** 1989 Apr;64(4):632-3

NITRILES

Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Berman DS, et al. **Am J Cardiol** 1989 Jul 18;64(4):9B-16B

NITROBENZENES

Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. **J Immunol** 1989 Jul 15;143(2):403-6

NITROGEN

Isolation of the nonprotein nitrogen fraction from human milk by gel-filtration chromatography and its separation by fast protein liquid chromatography. Donovan SM, et al. **Am J Clin Nutr** 1989 Jul;50(1):53-7

NITROUS OXIDE

Multiple nerve palsies after anesthesia—a complication of nitrous oxide use? [letter] Lampert BA. **Anesth Analg** 1989 Jul;69(1):1002-3

NOBEL PRIZE

Nobelists emphasize interdependence in global science and technology [news] Kangilaski J. **JAMA** 1989 Jul 21; 262(3):325-6

NOCARDIA INFECTIONS

Nocardial spinal epidural abscess. Siao P, et al. **Neurology** 1989 Jul;39(7):996

NOMA

Gangrenous stomatitis in AIDS [letter] Winkler JR, et al. **Lancet** 1989 Jul 8;2(8654):108

NOMENCLATURE

Praise for useful words [editorial] Brown GW. **Am J Dis Child** 1989 Jul;143(7):770

DSM-III-R definition of mental disorder [letter] Sagar RS. **Am J Psychiatry** 1989 Aug;146(8):1077-8

Multilocular cyst of the kidney (cystic nephroma) and cystic, partially differentiated nephroblastoma. Terminology and criteria for diagnosis. Joshi VV, et al. **Cancer** 1989 Jul 15; 64(2):466-79

Value of the new TNM staging system for lung cancer. Mountain CF. **Chest** 1989 Jul;96(1 Suppl):47S-49S

Bronchocentric granulomatosis. Disease or diagnosis? [editorial] Myers JL. **Chest** 1989 Jul;96(1):3-4

VATER association. A unifying concept of multiple anomalies. Beals RK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):948-50 (21 ref.)

The tower of Babel [editorial] Laskin DM. **J Oral Maxillofac Surg** 1989 Aug;47(8):779

Classification and terminology of hepatic allograft rejection: whither bound? Ludwig J. **Mayo Clin Proc** 1989 Jun; 64(6):676-9

NOREPINEPHRINE

Neurohumoral and hemodynamic effects of lower body negative pressure in patients with congestive heart failure. Mohanty PK, et al. **Am Heart J** 1989 Jul;118(1):78-85

Symptomatic mitral valve prolapse in children and adolescents: catecholamines, anxiety, and biofeedback. Smith MS, et al. **Pediatrics** 1989 Aug;84(2):290-5

NOSE

The bilobed flap for nasal reconstruction. Zitelli JA. **Arch Dermatol** 1989 Jul;125(7):957-9

Nasal support and lining: the marriage of beauty and blood supply. Burget GC, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):189-202

NOSE NEOPLASMS

Transcranial resection of tumors of the paranasal sinuses and nasal cavity. Blacklock JB, et al. **J Neurosurg** 1989 Jul; 71(1):10-5

NUCLEAR MAGNETIC RESONANCE

Nuclear magnetic resonance study of obsessive-compulsive disorder. Garber HJ, et al. **Am J Psychiatry** 1989 Aug; 146(8):1001-5

Human leg neuromuscular diseases: P-31 MR spectroscopy. Bárány M, et al. **Radiology** 1989 Aug;172(2):503-8

Variations in the in vivo P-31 MR spectra of the developing human brain during postnatal life. Work in progress. Boesch C, et al. **Radiology** 1989 Jul;172(1):197-9

Noninvasive differentiation of tumors with use of localized H-1 MR spectroscopy in vivo: initial experience in patients with cerebral tumors [see comments] Bruhn H, et al. **Radiology** 1989 Aug;172(2):541-8. **Comment in:** Radiology 1989 Aug;172(2):318-20

Reperfused-viable and reperfused-infarcted myocardium: differentiation with in vivo P-31 MR spectroscopy. Rehr RB, et al. **Radiology** 1989 Jul;172(1):53-8

The power of the proton [editorial; comment] Weiner MW, et al. **Radiology** 1989 Aug;172(2):318-20. **Comment on:** Radiology 1989 Aug;172(2):541-8

NUCLEAR REACTORS

Bone marrow transplantation after the Chernobyl nuclear accident [see comment] Baranov A, et al. **N Engl J Med** 1989 Jul 27;321(4):205-12. **Comment on:** N Engl J Med 1989 Jul 27;321(4):254-5

Chernobyl: learning from experience [editorial; comment] Cassel CK, et al. **N Engl J Med** 1989 Jul 27;321(4):254-5 **Comment on:** N Engl J Med 1989 Jul 27;321(4): 205-12

NUCLEAR WARFARE

Sequential development of polycythemia vera and chronic myelocytic leukemia in a patient following radiation exposure from nuclear weapons tests. Weinberg JB. **Am J Med** 1989 Jul;87(1):121-3

A piece of my mind. Savannah River Parkway. Goldstein AO. **JAMA** 1989 Aug 4;262(5):686

Nuclear weapons facilities face attacks from environmentalists, government agencies [news] Merz B. **JAMA** 1989 Aug 4;262(5):604-5

Weapons of mass destruction: the greatest threat to public health. Sidel VW. **JAMA** 1989 Aug 4;262(5):680-2

NURSE MIDWIVES

Nurse-midwifery practice in the United States, 1982 and 1987. Adams CJ. **Am J Public Health** 1989 Aug; 79(8):1038-9

NURSE-PATIENT RELATIONS

Caring makes the difference. White SK. **Heart Lung** 1989 Jul;18(4):25A-26A, 29A

NURSES

Can caring behavior be taught? Forsyth D, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):164-6

A little more nursing homework [editorial] Kelly LS. **Nurs Outlook** 1989 Jul-Aug;37(4):163

Understanding of elderly patients' resuscitation preferences by physicians and nurses. Uhlmann RF, et al. **West J Med** 1989 Jun;150(6):705-7

NURSING

How to use nursing information sources. Saba VK, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):189-95

NURSING CARE

Touch: a nursing strategy in the intensive care unit. Estabrooks CA. **Heart Lung** 1989 Jul;18(4):392-401

NURSING HOMES

The prevalence of urethral catheterization in Maryland nursing homes. Warren JW, et al. **Arch Intern Med** 1989 Jul;149(7):1535-7

Physician checklist for visually impaired elderly in nursing homes. Stoehr AJ, et al. **Geriatrics** 1989 Jul;44(7):87-91

NURSING RESEARCH

Instrument reliability and validity: how much needs to be published? Lynn MR. **Heart Lung** 1989 Jul;18(4):421-3

Clinical scholarship and the pragmatic practitioner. Masson V. **Nurs Outlook** 1989 Jul-Aug;37(4):160

How to present your research. Part I: What they didn't teach you in nursing school about planning and organizing the content of your speech. Selby ML, et al. **Nurs Outlook** 1989 Jul-Aug;37(4):172-5

Longitudinal studies as intervention. Collins C, et al. **Nurs Res** 1989 Jul-Aug;38(4):251-3

NURSING SERVICE, HOSPITAL

Inpatient bedside system enters the computer age. Lappa K. **Hospitals** 1989 Jul 5;63(13):76

NURSING STAFF, HOSPITAL

Job stress and satisfaction among the staff members at a cancer center. Peteet JR, et al. **Cancer** 1989 Aug 15; 64(4):975–82

NUTRITION

Recommended core educational guidelines on nutrition for family practice residents. **Am Fam Physician** 1989 Jul; 40(1):265–6

A theoretical basis for increasing current estimates of the amino acid requirements in adult man, with experimental support. Young VR, et al. **Am J Clin Nutr** 1989 Jul; 50(1):80–92

Work-site health promotion: the effects of a goal-setting program on nutrition-related behaviors. Berry MW, et al. **J Am Diet Assoc** 1989 Jul;89(7):914–20, 923

Federal nutrition policies: impact on dietetic practice. Nestle M, et al. **J Am Diet Assoc** 1989 Jul;89(7):944–7

Nutrition-related backgrounds and counseling practices of doctors of chiropractic. Newman CF, et al. **J Am Diet Assoc** 1989 Jul;89(7):939–43

RDs work together on AIDS recommendations [letter] Scalzo G. **J Am Diet Assoc** 1989 Jul;89(7):909

The relationship between weight gain and nutrition in pregnancy. Aaronson LS, et al. **Nurs Res** 1989 Jul–Aug; 38(4):223–7

NUTRITION DISORDERS

Nutritional supplementation: effects on child stunting because of diarrhea. Lutter CK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):1–8

NUTRITION SURVEYS

Nutritional evaluation of Huntington disease patients. Morales LM, et al. **Am J Clin Nutr** 1989 Jul;50(1):145–50

Between- and within-subject variation in nutrient intake from infancy to old age: estimating the number of days required to rank dietary intakes with desired precision. Nelson M, et al. **Am J Clin Nutr** 1989 Jul;50(1):155–67

NUTRITIONAL STATUS

Nutritional status of free-living Alzheimer's patients. Renvall MJ, et al. **Am J Med Sci** 1989 Jul;298(1):20–7

OBESITY

Plasma pyridoxal 5'-phosphate concentrations in obese and nonobese black women residing near Petersburg, VA. Driskell JA, et al. **Am J Clin Nutr** 1989 Jul;50(1):37–40

Use of an expanded-whole-wheat product in the reduction of body weight and serum lipids in obese females. Fordyce-Baum MK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):30–6

Adipogenic activity in sera from obese children before and after weight reduction. Hauner H, et al. **Am J Clin Nutr** 1989 Jul;50(1):63–7

Fatness, fat distribution, and glucose tolerance in second-generation Japanese-American (Nisei) men. Newell-Morris LL, et al. **Am J Clin Nutr** 1989 Jul; 50(1):9–18

Weight loss in 108 obese women on a diet supplying 800 kcal/d for 21 d. Webster JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):41–5

Multivariate prediction of total and cardiovascular mortality in an obese Polynesian population. Crews DE. **Am J Public Health** 1989 Aug;79(8):982–6

The deadly quartet. Upper-body obesity, glucose intolerance, hypertriglyceridemia, and hypertension. Kaplan NM. **Arch Intern Med** 1989 Jul;149(7):1514–20 (76 ref.)

Obesity: basic considerations and clinical approaches. Bray GA. **Dis Mon** 1989 Jul;35(7):449–537 (182 ref.)

Accuracy of food portion estimation by overweight and normal-weight subjects. Blake AJ, et al. **J Am Diet Assoc** 1989 Jul;89(7):962–4

Effect of feeding and obesity on lipoprotein lipase activity, immunoreactive protein, and messenger RNA levels in human adipose tissue. Ong JM, et al. **J Clin Invest** 1989 Jul;84(1):305–11

OBESITY IN DIABETES

Capillary basement membrane thickness and capillary density in sedentary and trained obese Zucker rats. Lash JM, et al. **Diabetes** 1989 Jul;38(7):854–60

OBJECT ATTACHMENT

Development of maternal-fetal attachment during pregnancy. Grace JT. **Nurs Res** 1989 Jul–Aug;38(4):228–32

Quality of mother-infant attachment and pediatric health care use. Harris ES, et al. **Pediatrics** 1989 Aug;84(2):248–54

OBSESSIVE-COMPULSIVE DISORDER

Nuclear magnetic resonance study of obsessive-compulsive disorder. Garber HJ, et al. **Am J Psychiatry** 1989 Aug; 146(8):1001–5

Open trial of fluoxetine in obsessive-compulsive disorder. Jenike MA, et al. **Am J Psychiatry** 1989 Jul;146(7):909–11

Obsessive-compulsive disorder. How primary care physicians can help. Rifkin A. **Postgrad Med** 1989 Jul; 86(1):157–8, 163–8 (24 ref.)

OBSTETRICS

General practitioner obstetrics [letter] **BMJ** 1989 Apr 29; 298(6681):1177–8

Audit of 26 years of obstetrics in general practice [letter] Prentice A, et al. **BMJ** 1989 May 13;298(6683):1313

Obstetrics in family practice [letter] Ruane TJ. **J Fam Pract** 1989 Jul;29(1):16

Obstetric protest [letter] Corbishley H. **Lancet** 1989 Jul 15; 2(8655):162

Improving a university hospital obstetric clinic: better but not best. Dans PE, et al. **Obstet Gynecol** 1989 Aug; 74(2):262–6

OCCLUSIVE DRESSINGS

Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. Madden MR, et al. **J Trauma** 1989 Jul; 29(7):924–30; discussion 930–1

OCCUPATIONAL DISEASES

Pulmonary functional impairment from years of arc welding. Kilburn KH, et al. **Am J Med** 1989 Jul;87(1):62–9

Firefighting acutely increases airway responsiveness. Sherman CB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):185–90

Occupational illness: case detection by poison control surveillance. Blanc PD, et al. **Ann Intern Med** 1989 Aug 1;111(3):238–44

In search of occupational illness. Gould KG Jr, et al. **Ann Intern Med** 1989 Aug 1;111(3):195–7

Acute lead poisoning in construction workers: the failure of current protective standards. Marino PE, et al. **Arch Environ Health** 1989 May–Jun;44(3):140–5

Renal function and long-term low mercury vapor exposure. Piikivi L, et al. **Arch Environ Health** 1989 May–Jun; 44(3):146–9

Epidemiologic and toxicologic evidence for chronic health effects and the underlying biologic mechanisms involved in sub-lethal exposures to acidic pollutants. Soskolne CL, et al. **Arch Environ Health** 1989 May–Jun;44(3):180–91 (160 ref.)

Spectrum of occupational disease in an academic hospital-based referral center in Connecticut from 1979 to 1987. Cullen MR, et al. **Arch Intern Med** 1989 Jul; 149(7):1621–6

Human immunodeficiency virus infection in health care workers. A method for estimating individual occupational risk. Hagen MD, et al. **Arch Intern Med** 1989 Jul; 149(7):1541–4

Overuse injuries in musicians. Bird H. **BMJ** 1989 Apr 29; 298(6681):1129–30 (21 ref.)

Cancer cluster investigation: toward a more rational approach [editorial] Leech JA. **Can Med Assoc J** 1989 Jul 15;141(2):105–6

Hospitals ready for OSHA worker-safety rules. Holthaus D. **Hospitals** 1989 Jul 5;63(13):50, 52

The lead-exposed worker. Rempel D. **JAMA** 1989 Jul 28; 262(4):532–4 (19 ref.)

OCCUPATIONAL HEALTH SERVICES

Work-site health promotion: the effects of a goal-setting program on nutrition-related behaviors. Berry MW, et al. **J Am Diet Assoc** 1989 Jul;89(7):914–20, 923

OCCUPATIONAL MEDICINE

The use of respirators in the workplace [clinical conference] Schneid JA, et al. **J Fam Pract** 1989 Jul;29(1):21–3, 27–8

OCTREOTIDE

Treatment of 27 postoperative enterocutaneous fistulas with the long half-life somatostatin analogue SMS 201-995. Nubiola P, et al. **Ann Surg** 1989 Jul;210(1):56–8

Gastrin-producing ovarian cystadenocarcinoma: sensitivity to secretin and SMS 201-995. Heyd J, et al. **Gastroenterology** 1989 Aug;97(2):464–7

Treatment of meningioma with octreotide [letter] Rünzi MW, et al. **Lancet** 1989 Jul 22;2(8656):217–8

Octreotide—a synthetic somatostatin. **Med Lett Drugs Ther** 1989 Jul 14;31(796):66–8

OCULOMOTOR MUSCLES

Nuclear inclusions in innervated cultured muscle fibers from patients with oculopharyngeal muscular dystrophy. Tomé FM, et al. **Neurology** 1989 Jul;39(7):926–32

ODONTOGENIC CYSTS

Recurrent keratocysts in basal cell nevus syndrome: review of the literature and report of a case. Mustaciuolo VW, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):870–3 (9 ref.)

ODONTOGENIC TUMORS

Epithelial odontogenic ghost cell tumor: report of a case. Günhan O, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):864–7

OFFICE MANAGEMENT

Formphobia [letter] Dauber LG, et al. **JAMA** 1989 Jul 28; 262(4):500

OLIGOPEPTIDES

Improvement in AIDS patients on peptide T [letter] Bridge TP, et al. **Lancet** 1989 Jul 22;2(8656):226–7

The kidney: imaging with Tc-99m mercaptoacetyltriglycine, a technetium-labeled analog of iodohippurate. Russell CD, et al. **Radiology** 1989 Aug;172(2):427–30

OMEPRAZOLE

Omeprazole versus ranitidine for gastric ulcer [letter] **N Engl J Med** 1989 Jul 20;321(3):191–2

ONCHOCERCIASIS

The control of onchocerciasis [editorial] Winter FC. **Am J Ophthalmol** 1989 Jul 15;108(1):84–5

ONCOGENES

Retroviruses and oncogenes. Dalgleish AG. **Br J Rheumatol** 1989 Aug;28(4):350–7 (36 ref.)

Expression of c-myc oncogene in colorectal polyps as a biological marker for monitoring malignant potential. Imaseki H, et al. **Cancer** 1989 Aug 1;64(3):704–9

Oncogenes and genetic abnormalities in lung cancer. Carney DN. **Chest** 1989 Jul;96(1 Suppl):25S–27S (20 ref.)

Genetic events in the pathogenesis of lung cancer. Minna JD. **Chest** 1989 Jul;96(1 Suppl):17S–23S (126 ref.)

Insertion of the v-Ha-ras oncogene induces differentiation of calcitonin-producing human small cell lung cancer. Mabry M, et al. **J Clin Invest** 1989 Jul;84(1):194–9

OOCYTES

Transvaginal oocyte aspiration and pelvic infection [letter] Børlum KG, et al. **Lancet** 1989 Jul 1;2(8653):53

OPHTHALMIA

Primary vs delayed implant in evisceration [letter] Holds JB, et al. **Arch Ophthalmol** 1989 Jul;107(7):952–3

OPHTHALMIC SOLUTIONS

Ophthalmic solutions, the ocular surface, and a unique therapeutic artificial tear formulation [letter] Maurice D. **Am J Ophthalmol** 1989 Jul 15;108(1):94–5

OPHTHALMOLOGY

125th anniversary of the New York Ophthalmological Society. Ferry AP. **Am J Ophthalmol** 1989 Jul 15; 108(1):97–9

Laser and the ophthalmologist [editorial] **Lancet** 1989 Jul 1;2(8653):24

OPHTHALMOPLEGIA

Hypothetical explanation of selective saccadic palsy caused by pontine lesion. Kaneko CR. **Neurology** 1989 Jul; 39(7):994–5

CNS dysfunction in Fisher's syndrome. Pessin MS, et al. **Neurology** 1989 Jul;39(7):998–9

OPHTHALMOSCOPY

Impaired ophthalmoscopy and condensation on intraocular lens. Sappenfield D, et al. **Am J Ophthalmol** 1989 Jul 15; 108(1):88

OPIUM

Naloxone hazard in infant of opioid abuser [letter] Gibbs J, et al. **Lancet** 1989 Jul 15;2(8655):159–60

OPPORTUNISTIC INFECTIONS

Prognostic factors and life expectancy in children with acquired immunodeficiency syndrome and Pneumocystis carinii pneumonia. Bernstein LJ, et al. **Am J Dis Child** 1989 Jul;143(7):775–8

Visceral leishmaniasis in patients infected with human immunodeficiency virus (HIV). Berenguer J, et al. **Ann Intern Med** 1989 Jul 15;111(2):129–32

CD4 counts as predictors of opportunistic pneumonias in human immunodeficiency virus (HIV) infection. Masur H,

et al. **Ann Intern Med** 1989 Aug 1;111(3):223–31
Zidovudine-induced neutropenia: are we too cautious? Shaunak S, et al. **Lancet** 1989 Jul 8;2(8654):91–2
Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome: diagnosis using minilavage samples. Yoo OH, et al. **South Med J** 1989 Jul;82(7):829–32
Tuberculosis and HIV infection—new opportunities for an old pathogen [editorial] Chaisson RE. **West J Med** 1989 Jun;150(6):687–9
Tuberculosis in patients with human immunodeficiency virus infection. Review of current concepts. Theuer CP. **West J Med** 1989 Jun;150(6):700–4 (22 ref.)

OPSONINS

Opsonic activity in serum from septic infants treated with intravenous immunoglobulin. Maródi L, et al. **Arch Dis Child** 1989 Apr;64(4):530–4

OPTIC DISK

Intraocular neovascularization and retinal energy metabolism [letter] Wilson DJ. **Arch Ophthalmol** 1989 Jul;107(7):953–4

OPTIC NERVE

Orbital optic nerve glioma in adult life. Wulc AE, et al. **Arch Ophthalmol** 1989 Jul;107(7):1013–6
Axonal injury in the optic nerve: a model simulating diffuse axonal injury in the brain. Gennarelli TA, et al. **J Neurosurg** 1989 Aug;71(2):244–53
Optic nerve sheath meningioma [letter] Kupersmith MJ, et al. **J Neurosurg** 1989 Aug;71(2):305
Regeneration in the rat optic nerve after cold injury. Murakami M, et al. **J Neurosurg** 1989 Aug;71(2):254–65

OPTIC NERVE DISEASES

Optic neuropathy in uremia. Hamed LM, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):30–5
Optic nerve sheath meningioma [letter] Arbit E. **J Neurosurg** 1989 Jul;71(1):151

ORBIT

Sclerosing orbital pseudotumor: a unique clinicopathologic entity. Weissler MC, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):496–501

ORBITAL DISEASES

Sclerosing orbital pseudotumor: a unique clinicopathologic entity. Weissler MC, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):496–501
Orbital intraconal haematic cysts in young people: computed tomography and magnetic resonance imaging. Travis RC, et al. **Br J Radiol** 1989 Jun;62(738):521–5
Orbital myositis and giant cell myocarditis. Klein BR, et al. **Neurology** 1989 Jul;39(7):988–90

ORBITAL NEOPLASMS

Primary orbital neuroblastoma. Bullock JD, et al. **Arch Ophthalmol** 1989 Jul;107(7):1031–3
Orbital optic nerve glioma in adult life. Wulc AE, et al. **Arch Ophthalmol** 1989 Jul;107(7):1013–6

ORCHIECTOMY

Bilateral orchidectomy and concomitant testosterone replacement in the juvenile male rhesus monkey (Macaca mulatta) receiving an invariant intravenous gonadotropin-releasing hormone (GnRH) infusion results, as in the hypothalamus lesioned GnRH-driven adult male, in a selective hypersecretion of follicle-stimulating hormone. Abeyawardene SA, et al. **Endocrinology** 1989 Jul; 125(1):257–9
Stage II seminoma: results of postorchiectomy irradiation. Sagerman RH, et al. **Radiology** 1989 Aug;172(2):565–8

ORGAN PRESERVATION

Successful extended hypothermic cardiopulmonary preservation for heart-lung transplantation. Bando K, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):137–45; discussion 145–6

ORGAN PROCUREMENT

Obstacles to organ donation. Wakeford RE, et al. **Br J Surg** 1989 May;76(5):436–9
Cadaveric organ donation: ethical considerations for a new approach. Kleinman I, et al. **Can Med Assoc J** 1989 Jul 15;141(2):107–10
Donor kidneys of infants and very young children are unacceptable for transplantation [letter] Ruder H, et al. **Lancet** 1989 Jul 15;2(8655):168
Organ donation—are we moving in the right direction? Krom RA. **Mayo Clin Proc** 1989 Jun;64(6):705–7
On the use of anencephalic infants as organ donors. Medearis DN Jr, et al. **N Engl J Med** 1989 Aug 10;321(6):391–3

ORGANIZATION AND ADMINISTRATION

Laboratory accreditation and audit in pathology. London, February 7, 1989. Abstracts. **J Clin Pathol** 1989 Jun; 42(6):561–6

ORGANOMETALLIC COMPOUNDS

Contrast enhancement in spinal MR imaging. Breger RK, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):387–91
Contrast-enhanced magnetic resonance imaging of cardiac tumors in children. Niwa K, et al. **Am Heart J** 1989 Aug; 118(2):424–5
Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Berman DS, et al. **Am J Cardiol** 1989 Jul 18;64(4):9B–16B
Unenhanced and gadolinium-DTPA-enhanced MR imaging in postoperative evaluation in pediatric brain tumors. Dickman CA, et al. **J Neurosurg** 1989 Jul;71(1):49–53
Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22
Extracranial lesions of the head and neck: preliminary experience with Gd-DTPA-enhanced MR imaging. Robinson JD, et al. **Radiology** 1989 Jul;172(1):165–70
The kidney: imaging with Tc-99m mercaptoacetyltriglycine, a technetium-labeled analog of iodohippurate. Russell CD, et al. **Radiology** 1989 Aug;172(2):427–30

ORGANOPLATINUM COMPOUNDS

Carboplatin or cisplatin? [letter] Pinkerton CR, et al. **Lancet** 1989 Jul 15;2(8655):161

ORGASM

Fluoxetine-related anorgasmy [letter] Lydiard RB, et al. **South Med J** 1989 Jul;82(7):933–4

ORNITHINE CARBAMOYLTRANSFERASE

Late onset ornithine carbamoyl transferase deficiency in males [letter] Kennedy CR, et al. **Arch Dis Child** 1989 Apr; 64(4):638

OROPHARYNX

Interactive computer program for biomechanical analysis of videoradiographic studies of swallowing. Logemann JA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):277–80
Epstein-Barr virus/complement receptor and epithelial cells [letter] Niedobitek G, et al. **Lancet** 1989 Jul 8;2(8654):110

ORTHODONTIC APPLIANCES, REMOVABLE

Protruding premaxilla in the bilateral cleft lip patient [letter] Georgiade NG, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):372–3

ORTHODONTICS, CORRECTIVE

Obstructive sleep apnea syndrome in patients with class II malocclusion. Triplett WW, et al. **Mayo Clin Proc** 1989 Jun;64(6):644–52 (30 ref.)

ORTHOMYXOVIRUS TYPE A, HUMAN

Human T cell clones present antigen. Hewitt CR, et al. **J Immunol** 1989 Jul 15;143(2):762–9
A single amino acid substitution in HLA-A2 can alter the selection of the cytotoxic T lymphocyte repertoire that responds to influenza virus matrix peptide 55–73. Shimojo N, et al. **J Immunol** 1989 Jul 15;143(2):558–64

ORTHOPEDIC EQUIPMENT

Force platform measures for evaluating postural control: reliability and validity. Goldie PA, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):510–7
Mobilisation after Achilles tendon rupture [letter] Roberts P, et al. **Lancet** 1989 Jul 22;2(8656):224

ORTHOPEDICS

The role of orthopedic surgery in modern Canadian trauma: 1988 Fraser B. Gurd lecture. Meek RN. **J Trauma** 1989 Jun;29(6):716–8

OSSIFICATION, PATHOLOGIC

Ossification in the wall of a radicular cyst: report of a case. Karakasis DT, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):853–5

OSTEITIS

A unified approach to symptomatic juxtasternal arthritis and enthesitis. Katz ME, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):327–33

OSTEITIS FIBROSA CYSTICA

Intravenous calcitriol in the treatment of refractory osteitis fibrosa of chronic renal failure [see comments] Andress DL, et al. **N Engl J Med** 1989 Aug 3;321(5):274–9. **Comment in:** N Engl J Med 1989 Aug 3;321(5):317–9

OSTEOARTHRITIS

How often, when and how does joint hypermobility lead to osteoarthritis? Grahame R. **Br J Rheumatol** 1989 Aug; 28(4):320
Long-term results of total hip arthroplasty for osteonecrosis of the femoral head. A comparison with osteoarthritis. Saito S, et al. **Clin Orthop** 1989 Jul;(244):198–207
Proximal Tibial Osteotomy in Patients Who Are Fifty Years Old or Less. A Long-term Follow-Up Study [letter] **J Bone Joint Surg [Am]** 1989 Jul;71(6):951–2
Hemarthrosis of the ankle secondary to false aneurysm caused by impingement from an osteophyte. A case report. Ris HB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):935–7
Synovial chondromatosis associated with experimental osteoarthritis in adult monkeys. Helmy ES, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):823–7

OSTEOBLASTS

Platelet-derived growth factor enhances deoxyribonucleic acid and collagen synthesis in osteoblast-enriched cultures from fetal rat parietal bone. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):13–9

OSTEOCLASTS

Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Akatsu T, et al. **Endocrinology** 1989 Jul;125(1):20–7

OSTEOMA, OSTEOID

Osteoid osteoma and osteoblastoma. Gitelis S, et al. **Orthop Clin North Am** 1989 Jul;20(3):313–25 (92 ref.)

OSTEOMALACIA

Oncogenic osteomalacia. A case report. McGuire MH, et al. **Clin Orthop** 1989 Jul;(244):305–8

OSTEOMYELITIS

CT of hyoid osteomyelitis [letter] Schweitzer ME, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):432–3
MR imaging characteristics of tuberculous spondylitis vs vertebral osteomyelitis. Smith AS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):399–405
Osteomyelitis: detection with US. Abiri MM, et al. **Radiology** 1989 Aug;172(2):509–11

OSTEONECROSIS

Avascular necrosis of the vertebral body: MR imaging. Naul LG, et al. **Radiology** 1989 Jul;172(1):219–22

OSTEOPATHIC MEDICINE

Osteopathic manipulation: purposes and protocols [letter] Kuchera WA. **Hosp Pract [Off]** 1989 Jul 15;24(7):17, 20

OSTEOPOROSIS

A 47-year-old woman presenting with a 20-year history of SLE. Hughes GR. **Br J Rheumatol** 1989 Aug;28(4):349
Vertebral bone density in Scheuermann disease. Gilsanz V, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):894–7
Guidelines for treatment of osteoporosis in older women [letter] Gilson SB. **JAMA** 1989 Jul 21;262(3):352–3
Preventing osteoporosis [letter] Bailie IE. **West J Med** 1989 Jun;150(6):697

OSTEOSARCOMA

Nodular form of bleomycin-related pulmonary injury in patients with osteogenic sarcoma. Santrach PJ, et al. **Cancer** 1989 Aug 15;64(4):806–11 (33 ref.)
Establishment of a cell line producing bone morphogenetic protein from a human osteosarcoma. Takaoka K, et al. **Clin Orthop** 1989 Jul;(244):258–64
1,25-Dihydroxyvitamin D3 inhibits transcription of type I collagen genes in the rat osteosarcoma cell line ROS 17/2.8. Harrison JR, et al. **Endocrinology** 1989 Jul;125(1):327–33
Osteosarcoma. Clinical and pathological considerations. Klein MJ, et al. **Orthop Clin North Am** 1989 Jul; 20(3):327–45 (66 ref.)

OSTEOTOMY

Proximal Tibial Osteotomy in Patients Who Are Fifty Years Old or Less. A Long-term Follow-Up Study [letter] **J Bone Joint Surg [Am]** 1989 Jul;71(6):951–2
Osteotomy of the tibial tubercle during total knee replacement. A report of twenty-six cases. Wolff AM, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):848–52
Factors influencing the stability of the sagittal split osteotomy

for mandibular advancement. Will LA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):813–8

OTITIS MEDIA

Are 'hot' ears really hot? [letter] Weir MR, et al. **Am J Dis Child** 1989 Jul;143(7):763–4

Tuberculosis of the middle ear in an infant. Davidson S, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):876–7 (15 ref.)

Sensorineural loss in chronic otitis media. Is it clinically significant? Levine BA, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):814–6

OTITIS MEDIA WITH EFFUSION

Proteases and protease inhibitors in immune complex otitis media in chinchillas. Hamaguchi Y, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):563–8

Randomised study of myringotomy, amoxycillin/clavulanate, or both for acute otitis media in infants. Engelhard D, et al. **Lancet** 1989 Jul 15;2(8655):141–3

OUTCOME AND PROCESS ASSESSMENT (HEALTH CARE)

The outcome index. A method of quality assurance in the special care area. McFee AS, et al. **Arch Surg** 1989 Jul; 124(7):825–9

Surgeon volume vs hospital volume: which matters more? [editorial] Garnick DW, et al. **JAMA** 1989 Jul 28; 262(4):547–8

Databases for health care outcomes. **Lancet** 1989 Jul 22; 2(8656):195–6 (18 ref.)

Measuring subjective clinical outcomes. Jette AM. **Phys Ther** 1989 Jul;69(7):580–4

OUTPATIENT CLINICS, HOSPITAL

Does a residents' continuity clinic provide primary care? Wilson ME, et al. **Am J Dis Child** 1989 Jul;143(7):809–12

The economic impact and multiplier effect of a family practice clinic on an academic medical center. Schneeweiss R, et al. **JAMA** 1989 Jul 21;262(3):370–5

Improving a university hospital obstetric clinic: better but not best. Dans PE, et al. **Obstet Gynecol** 1989 Aug; 74(2):262–6

OVALBUMIN

Induction of class I MHC-restricted, peptide-specific cytolytic T lymphocytes by peptide priming in vivo. Ishioka GY, et al. **J Immunol** 1989 Aug 15;143(4):1094–100

Stable association of processed antigen with antigen-presenting cell membranes. Jensen PE. **J Immunol** 1989 Jul 15;143(2):420–5

Analysis of the interaction of peptide hen egg white lysozyme (34–45) with the I-Ak molecule. Lambert LE, et al. **J Immunol** 1989 Aug 1;143(3):802–7

OVARIAN CYSTS

Ovarian cyst and autonomic dysreflexia. Kumar VN, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):547–8

OVARIAN DISEASES

Twin pregnancy in premature ovarian failure after estrogen treatment: a case report. Tang L, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):172–3

Transvaginal oocyte aspiration and pelvic infection [letter] Børlum KG, et al. **Lancet** 1989 Jul 1;2(8653):53

OVARIAN NEOPLASMS

Hepatoblastoma in an adult with metastasis to the ovaries. Green LK, et al. **Am J Clin Pathol** 1989 Jul;92(1):110–5

A case-control study of epithelial ovarian cancer. Hartge P, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):10–6

Leiomyoma of the ovary with ascites and hydrothorax. Nicoll JJ, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):177–8

Ovarian metastases of breast carcinoma. A clinicopathologic study of 59 cases. Gagnon Y, et al. **Cancer** 1989 Aug 15; 64(4):892–8

The use of serum TA-4 in monitoring patients with malignant transformation of ovarian mature cystic teratoma. Kimura T, et al. **Cancer** 1989 Jul 15;64(2):480–3

Quantitative nuclear morphology in the diagnosis of ovarian tumors of low malignant potential (borderline). Komitowski D, et al. **Cancer** 1989 Aug 15;64(4):905–10

Cytotoxic and cytostatic effects of the streptococcal preparation OK-432 and its subcellular fractions on human ovarian tumor cells. Nio Y, et al. **Cancer** 1989 Jul 15; 64(2):434–41

Alveolar rhabdomyosarcoma metastatic to the ovary. A report of two cases and a discussion of the differential diagnosis of small cell malignant tumors of the ovary. Young RH, et al. **Cancer** 1989 Aug 15;64(4):899–904

Gastrin-producing ovarian cystadenocarcinoma: sensitivity to secretin and SMS 201-995. Heyd J, et al. **Gastroenterology** 1989 Aug;97(2):464–7

Ovarian carcinoma as a cause of Zollinger-Ellison syndrome. Natural history, secretory products, and response to provocative tests. Maton PN, et al. **Gastroenterology** 1989 Aug;97(2):468–71

Galactose consumption and metabolism in relation to the risk of ovarian cancer. Cramer DW, et al. **Lancet** 1989 Jul 8; 2(8654):66–71

Influence of cellular DNA content on survival in ovarian carcinoma. Klemi PJ, et al. **Obstet Gynecol** 1989 Aug; 74(2):200–4

OVARIECTOMY

Neuropeptide-Y suppresses pulsatile secretion of luteinizing hormone in ovariectomized rats: possible site of action. McDonald JK, et al. **Endocrinology** 1989 Jul;125(1):186–91

OVARY

Hernia uterus inguinale associated with unicornuate uterus. Elliott DC, et al. **Arch Surg** 1989 Jul;124(7):872–3

Reducing the cost of the cure in childhood leukemia [editorial; comment] Civin CI. **N Engl J Med** 1989 Jul 20; 321(3):185–7. **Comment on:. Comment on:** N Engl J Med 1989 Jul 20;321(3):136–42 N Engl J Med 1989 Jul 20;321(3):143–51

Normal or early development of puberty despite gonadal damage in children treated for acute lymphoblastic leukemia [see comment] Quigley C, et al. **N Engl J Med** 1989 Jul 20;321(3):143–51. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7

OVULATION

Immunoneutralization of endogenous inhibin modifies hormone secretion and ovulation rate in the rat. Rivier C, et al. **Endocrinology** 1989 Jul;125(1):152–7

OVULATION INDUCTION

Ovulation induction and neural tube defects [letter] Czeizel A. **Lancet** 1989 Jul 15;2(8655):167

Closed intravenous administration of gonadotropin-releasing hormone: safety of extended peripheral intravenous catheterization. Hopkins CC, et al. **Obstet Gynecol** 1989 Aug;74(2):267–70

OVUM

Significance of D-mannose as a sperm receptor site on the zona pellucida in human fertilization. Mori K, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):207–11

Persistence of hepatic fibrosis and tissue eggs following treatment of Schistosoma japonicum infected mice. Cheever AW, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):620–8

OWNERSHIP

The debate over physician ownership of health care facilities. Iglehart JK. **N Engl J Med** 1989 Jul 20;321(3):198–204

OXANDROLONE

Growth hormone secretion in Turner's syndrome and influence of oxandrolone and ethinyl oestradiol. Massarano AA, et al. **Arch Dis Child** 1989 Apr;64(4):587–92

OXIMES

Progress in medical defense against nerve agents. Dunn MA, et al. **JAMA** 1989 Aug 4;262(5):649–52 (21 ref.)

Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22

OXIMETRY

Oximetric quantitation of intracardiac left-to-right shunting: limitations of the Qp/Qs ratio. Cigarroa RG, et al. **Am J Cardiol** 1989 Jul 15;64(3):246–7

Pulse oximetry in methemoglobinemia. Watcha MF, et al. **Am J Dis Child** 1989 Jul;143(7):845–7

Systolic venous waves cause spurious signs of arterial hemoglobin desaturation. M k JB. **Anesthesiology** 1989 Jul;71(1):158–60

Pulse oximeter cost per use—securing savings [letter] Maruschak GF, et al. **Anesthesiology** 1989 Jul;71(1):167–8

Cool fingers and pulse oximetry [letter] Paulus DA, et al. **Anesthesiology** 1989 Jul;71(1):168–9

Axillary block utilizing the pulse oximeter [letter] Sullivan MJ, et al. **Anesthesiology** 1989 Jul;71(1):166–7

Comparison of recorded values from six pulse oximeters. Choe H, et al. **Crit Care Med** 1989 Jul;17(7):678–81

Pulse oximetry in infants [letter] Solimano AJ, et al. **Crit Care Med** 1989 Jul;17(7):712–3

Hyperoxemia in newborn infants: detection by pulse oximetry. Bucher HU, et al. **Pediatrics** 1989 Aug; 84(2):226–30

OXYGEN

Effects of maternal hyperoxia on the biophysical assessment of fetuses with suspected intrauterine growth retardation. Ruedrich DA, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):188–92

Effect of endothelial injury on the responses of isolated guinea pig pulmonary venules to reduced oxygen tension. Tracey WR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):68–74

Systolic venous waves cause spurious signs of arterial hemoglobin desaturation. Mark JB. **Anesthesiology** 1989 Jul;71(1):158–60

Comparison of hemodynamic and oxygen transport effects of dopamine and dobutamine in critically ill surgical patients. Shoemaker WC, et al. **Chest** 1989 Jul;96(1):120–6

Cardiopulmonary effects of Intralipid infusion in critically ill patients [letter] Isenstein DA. **Crit Care Med** 1989 Jul; 17(7):710

Erythrocyte O2 transport and metabolism and effects of vitamin B6 therapy in type II diabetes mellitus. Solomon LR, et al. **Diabetes** 1989 Jul;38(7):881–6

Reactive oxygen species facilitate the in vitro and in vivo lipopolysaccharide-induced release of tumor necrosis factor. Chaudhri G, et al. **J Immunol** 1989 Aug 15; 143(4):1290–4

Oxygen and athletes [editorial] Cooper KH, et al. **JAMA** 1989 Jul 14;262(2):264

Effects of 100% oxygen on performance of professional soccer players. Winter FD Jr, et al. **JAMA** 1989 Jul 14; 262(2):227–9

Hyperoxemia in newborn infants: detection by pulse oximetry. Bucher HU, et al. **Pediatrics** 1989 Aug; 84(2):226–30

OXYGEN CONSUMPTION

Role of myocardial oxygen consumption in dipyridamole-induced ischemia. Picano E, et al. **Am Heart J** 1989 Aug;118(2):314–9

Metabolic and hemodynamic consequences of sodium bicarbonate administration in patients with heart disease. Bersin RM, et al. **Am J Med** 1989 Jul;87(1):7–14

Early detection of shock in critically ill patients by skeletal muscle PO2 assessment. Beerthuizen GI, et al. **Arch Surg** 1989 Jul;124(7):853–5

Oxidative activity of polymorphonuclear leukocytes after thermal injury. Dobke MK, et al. **Arch Surg** 1989 Jul; 124(7):856–9

A new exercise test for the assessment of heart failure: use of a self powered treadmill. Parameshwar J, et al. **Br Heart J** 1989 May;61(5):421–5

Erythrocyte O2 transport and metabolism and effects of vitamin B6 therapy in type II diabetes mellitus. Solomon LR, et al. **Diabetes** 1989 Jul;38(7):881–6

Adenosine regulates the respiratory burst of cytokine-triggered human neutrophils adherent to biologic surfaces. de la Harpe J, et al. **J Immunol** 1989 Jul 15; 143(2):596–602

Effects of intravenous glucose loading on oxygen consumption, carbon dioxide production, and resting energy expenditure in infants with bronchopulmonary dysplasia. Yunis KA, et al. **J Pediatr** 1989 Jul;115(1):127–32

Mitochondrial function in Parkinson's disease [letter] Bindoff LA, et al. **Lancet** 1989 Jul 1;2(8653):49

Decline in skeletal muscle mitochondrial respiration chain function with aging [letter] Cardellach F, et al. **Lancet** 1989 Jul 1;2(8653):44–5

OXYTOCIN

Oxytocin may explain neonatal seizures [letter] Goodlin RC. **Am J Obstet Gynecol** 1989 Jul;161(1):259

Removing a retained placenta by oxytocin—a controlled study. Wilken-Jensen C, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):155–6

A structurally unique, potent, and selective oxytocin antagonist derived from Streptomyces silvensis. Pettibone DJ, et al. **Endocrinology** 1989 Jul;125(1):217–22

OYSTERS

An outbreak of shigellosis associated with the consumption of raw oysters. Reeve G, et al. **N Engl J Med** 1989 Jul 27;321(4):224–7

OZONE

Acute ozone exposure increases plasma prostaglandin F2 alpha in ozone-sensitive human subjects. Schelegle ES, et al. **Am Rev Respir Dis** 1989 Jul;140(1):211–6

PACEMAKER, ARTIFICIAL

Automatic implantable defibrillator with VVI pacemaker in a patient with chronic Chagas myocarditis and total atrioventricular block. de Paola AA, et al. **Am Heart J** 1989 Aug;118(2):415–7

Treatment by pacemaker in familial amyloid polyneuropathy. Anzai N, et al. **Chest** 1989 Jul;96(1):80–4

PAIN

Intermittent, dose-related fluctuations of pain and ST elevation during infusion of recombinant tissue plasminogen activator during acute myocardial infarction. Barbash GI, et al. **Am J Cardiol** 1989 Jul 15;64(3):225–8

Predicting individual differences in pain and functional impairment among patients with rheumatoid arthritis. Hagglund KJ, et al. **Arthritis Rheum** 1989 Jul;32(7):851–8

Value of anteroposterior radiography in cervical pain of

non-traumatic origin. Page JE, et al. **BMJ** 1989 May 13; 298(6683):1293-4
Blocked and nonblocked acid secretion and reported pain in ulcer, nonulcer dyspepsia, and normal subjects. Bates S, et al. **Gastroenterology** 1989 Aug;97(2):376-83
Pain in the elderly. Nation EM, et al. **Hosp Pract [Off]** 1989 Jul 15;24(7):113, 117-8
Referred shoulder pain in a sexually active woman. Smally AJ. **Hosp Pract [Off]** 1989 Jul 15;24(7):62, 64
Ultrasound/PEME for perineal pain [editorial] **Lancet** 1989 Jul 1;2(8653):22-3
Beta-endorphin levels during pregnancy and labor: a role in pain modulation? Cahill CA. **Nurs Res** 1989 Jul-Aug; 38(4):200-3
The clinical significance of pain and cognitive activity in latent labor [letter] Turner MI, et al. **Obstet Gynecol** 1989 Aug;74(2):285-6
Topical skin anesthesia for venous, subcutaneous drug reservoir and lumbar punctures in children. Halperin DL, et al. **Pediatrics** 1989 Aug;84(2):281-4
Comparison of effects of transcutaneous electrical nerve stimulation of auricular, somatic, and the combination of auricular and somatic acupuncture points on experimental pain threshold. Lein DH Jr, et al. **Phys Ther** 1989 Aug; 69(8):671-8

PAIN MEASUREMENT

Research procedure [letter] Nolan MF. **Phys Ther** 1989 Jul; 69(7):618-20

PAIN, POSTOPERATIVE

The control of post-thoracotomy pain [letter] Bromage PR. **Anaesthesia** 1989 May;44(5):445-6
Postoperative pain after laparoscopic sterilisation [letter] McKenzie R. **Anaesthesia** 1989 May;44(5):450
Poststernotomy neuralgia: a new pain syndrome. Defalque RJ, et al. **Anesth Analg** 1989 Jul;69(1):947-8
Back pain following epidurally administered Nesacaine-MPF. Fibuch EE, et al. **Anesth Analg** 1989 Jul; 69(1):979-81
The dose response of caudal morphine in children. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):48-52
Bleeding after intercostal nerve block in a patient anticoagulated with heparin. Nielsen CH. **Anesthesiology** 1989 Jul;71(1):162-4

PALATE

Uvulopalatopharyngoplasty: postoperative management and evaluation of results. Macaluso RA, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):502-7
Prevention of palatal groove formation in premature neonates requiring intubation. Ginoza G, et al. **J Pediatr** 1989 Jul; 115(1):133-5

PALATE, SOFT

A significant feature of Nager's syndrome: palatal agenesis. Jackson IT, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):219-26

PALLIATIVE TREATMENT

Neodymium:yttrium-aluminum-garnet laser vaporization for palliation of obstructing esophageal carcinoma. Moon BC, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):11-4; discussion 14-5
The role of surgical management for symptomatic spinal cord compression in patients with metastatic prostate cancer. Shoskes DA, et al. **J Urol** 1989 Aug;142(2):337-9

PALPATION

Palpation of the uterine scar after vaginal delivery [letter] Schneider G. **Can Med Assoc J** 1989 Jul 15;141(2):98

PAMPHLETS

Smoking literature and literacy levels [letter] Jaycox S. **Am J Public Health** 1989 Aug;79(8):1058

PANCREAS

Sensitivity and detection efficiency of the peroxidase antiperoxidase (PAP), avidin-biotin peroxidase complex (ABC), and peroxidase-labeled avidin-biotin (LAB) methods. Elias JM, et al. **Am J Clin Pathol** 1989 Jul; 92(1):62-7
Function of pancreas allografts more than 1 year following transplantation. Wright FH, et al. **Arch Surg** 1989 Jul; 124(7):796-9; discussion 799-800
Debridement and closed cavity irrigation for the treatment of pancreatic necrosis. Larvin M, et al. **Br J Surg** 1989 May;76(5):465-71
Glucagonostatic and insulinotropic action of glucagonlike peptide I-(7-36)-amide. Komatsu R, et al. **Diabetes** 1989 Jul;38(7):902-5
Development of a method for isolation of islets from human fetal pancreas. Kover K, et al. **Diabetes** 1989 Jul; 38(7):917-24
MK-329 has no direct effect on the pancreas [letter] Berlin RG. **Gastroenterology** 1989 Aug;97(2):553-4
Prostaglandins in the mediation of secretin-induced inhibition of gastric secretion and stimulation of pancreatic secretion [letter] Konturek SJ. **Gastroenterology** 1989 Aug; 97(2):554-6
Effects of trypsin inhibitor (camostate) on pancreas and CCK release in young and old female rats. Miyasaka K, et al. **J Gerontol** 1989 Jul;44(4):M136-40
Induction of endocrine cell differentiation: a new approach to management of diabetes. Rosenberg L, et al. **J Lab Clin Med** 1989 Jul;114(1):75-83
Pancreatic transplants: CT with clinical and pathologic correlation. Moulton JS, et al. **Radiology** 1989 Jul; 172(1):21-6

PANCREATECTOMY

Postprandial plasma gastrin and secretin concentrations after a pancreatoduodenectomy. A comparison between a pylorus-preserving pancreatoduodenectomy and the Whipple procedure. Takada T, et al. **Ann Surg** 1989 Jul; 210(1):47-51
An analysis of the reduced morbidity and mortality rates after pancreaticoduodenectomy. Pellegrini CA, et al. **Arch Surg** 1989 Jul;124(7):778-81
Insulin and glucagon secretion after pancreatectomies. Correlation of secretion and hormonal contents of remaining pancreas. Gotoh M, et al. **Diabetes** 1989 Jul; 38(7):861-7
Insulin-dependent and insulin-independent effects after surgical alterations of the pancreas. Krusch DA, et al. **Surgery** 1989 Jul;106(1):60-8

PANCREATIC INSUFFICIENCY

Nephrocalcinosis in Shwachman's syndrome. D'Angio CT, et al. **Arch Dis Child** 1989 Apr;64(4):614-5

PANCREATIC NEOPLASMS

A case-control study of pancreatic cancer and cigarettes, alcohol, coffee and diet. Olsen GW, et al. **Am J Public Health** 1989 Aug;79(8):1016-9
The serologic marker CA 19-9 and pancreatic cancer [letter] Nardone DA. **Ann Intern Med** 1989 Jul 15;111(2):184-5
Endoscopic endoprosthesis insertion following failure of cholecystojejunostomy in pancreatic carcinoma. Dowsett JF, et al. **Br J Surg** 1989 May;76(5):454-6
The role of morphometry in predicting prognosis in pancreatic islet cell tumors. Kenny BD, et al. **Cancer** 1989 Jul 15;64(2):460-5
Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Ono SJ, et al. **Diabetes** 1989 Jul;38(7):911-6
Multiple endocrine neoplasia type II with Zollinger-Ellison syndrome caused by a solitary pancreatic gastrinoma. Maton PN, et al. **JAMA** 1989 Jul 28;262(4):535-7
Octreotide—a synthetic somatostatin. **Med Lett Drugs Ther** 1989 Jul 14;31(796):66-8
Pancreatic carcinoma. An unusual presentation—inferior vena cava thrombosis. Beyth RJ, et al. **Postgrad Med** 1989 Jul;86(1):229-32

PANCREATITIS

Hypertonic saline-dextran resuscitation of acute canine bile-induced pancreatitis. Horton JW, et al. **Am J Surg** 1989 Jul;158(1):48-56
Threshold for albumin as a prognostic marker in acute pancreatitis. Holliday MP, et al. **Br J Surg** 1989 May; 76(5):472-3
Debridement and closed cavity irrigation for the treatment of pancreatic necrosis. Larvin M, et al. **Br J Surg** 1989 May;76(5):465-71
Endoscopic treatment of acute biliary pancreatitis [letter] Tulassay Z, et al. **Br J Surg** 1989 May;76(5):525
Secretory pancreatic stone protein messenger RNA. Nucleotide sequence and expression in chronic calcifying pancreatitis. Giorgi D, et al. **J Clin Invest** 1989 Jul; 84(1):100-6
APACHE-II score for assessment and monitoring of acute pancreatitis. Larvin M, et al. **Lancet** 1989 Jul 22; 2(8656):201-5
Biliary tract dilatation in chronic pancreatitis: CT and sonographic findings. Huntington DK, et al. **Radiology** 1989 Jul;172(1):47-50

PANCREATOPEPTIDASE

Anti-neutrophil-elastase defenses of the lower respiratory tract in alpha 1-antitrypsin deficiency directly augmented with an aerosol of alpha 1-antitrypsin. Hubbard RC, et al. **Ann Intern Med** 1989 Aug 1;111(3):206-12

PANCURONIUM

Atracurium, vecuronium, and pancuronium do not alter the minimum alveolar concentration of halothane in humans. Fahey MR, et al. **Anesthesiology** 1989 Jul;71(1):53-6
Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Lanier WL, et al. **Anesthesiology** 1989 Jul;71(1):87-95
Differential effects of pancuronium on masseter and adductor pollicis muscles in humans. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):57-61

PANCYTOPENIA

Pancytopenia and methotrexate with trimethoprim-sulfamethoxazole [letter] Jeurissen ME, et al. **Ann Intern Med** 1989 Aug 1;111(3):261
Ataxia-pancytopenia and monosomy 7 syndrome. Daghistani D, et al. **J Pediatr** 1989 Jul;115(1):108-10

PANNICULITIS

Cytophagic panniculitis and lupus panniculitis versus Weber-Christian disease [letter] Conti JA, et al. **Am J Med** 1989 Jul;87(1):3-4

PANNICULITIS, NODULAR NONSUPPURATIVE

Cytophagic panniculitis and lupus panniculitis versus Weber-Christian disease [letter] Conti JA, et al. **Am J Med** 1989 Jul;87(1):3-4

PANOPHTHALMITIS

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 29-1989. A 79-year-old man with fever, abdominal pain, and inflamed right eye. **N Engl J Med** 1989 Jul 20;321(3):172-82

PAPAVERINE

Papaverine-induced chest pain due to coronary vascular steal: demonstration with angiographic and intracoronary flow velocity measurements. Gudipati CV, et al. **Am Heart J** 1989 Aug;118(2):404-7
Local and systemic effects of chronic intracavernous injection of papaverine, prostaglandin E1, and saline in primates. Aboseif SR, et al. **J Urol** 1989 Aug;142(2):403-8

PAPILLOMA

Carcinoma of the ureter: a clinicopathologic study of 49 cases. Anderström C, et al. **J Urol** 1989 Aug;142(2):280-3

PAPILLOMAVIRUSES

Human papillomavirus DNA determination of anal condylomata, dysplasias, and squamous carcinomas with in situ hybridization. Duggan MA, et al. **Am J Clin Pathol** 1989 Jul;92(1):16-21
Increased frequency of detection of human papillomavirus deoxyribonucleic acid in exfoliated cervical cells during pregnancy. Rando RF, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):50-5
Human papillomavirus (HPV)-associated male and female genital carcinomas in a Hindu population. The male as vector and victim. Boon ME, et al. **Cancer** 1989 Jul 15; 64(2):559-65
Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):601-6
Interphase cytogenetics using biotin and digoxigenin labelled probes I: relative sensitivity of both reporter molecules for detection of HPV16 in CaSki cells. Herrington CS, et al. **J Clin Pathol** 1989 Jun;42(6):592-600
Papillomavirus infection and skin cancer in renal allograft recipients [letter] Barr BB, et al. **Lancet** 1989 Jul 22; 2(8656):224-5
Human papillomavirus subtype 16a [letter] Ward P, et al. **Lancet** 1989 Jul 15;2(8655):170

PAPPATACI FEVER

Experimental studies on the maintenance of Toscana and Arbia viruses (Bunyaviridae: Phlebovirus). Ciufolini MG, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):669-75

PARAGANGLIOMA

Gangliocytic paraganglioma. Burke AP, et al. **Am J Clin Pathol** 1989 Jul;92(1):1-9

PARALYSIS

Gastroparesis following traumatic brain injury and response to metoclopramide therapy. Jackson MD, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):553-5
Role of the immune response in Sindbis virus-induced paralysis of SJL/J mice. Mokhtarian F, et al. **J Immunol** 1989 Jul 15;143(2):633-7
Central cervical spinal cord syndrome due to minor hyperextension injury. Peterson DI, et al. **West J Med** 1989 Jun;150(6):691-4

PARANASAL SINUS DISEASES

Mucoceles of the paranasal sinuses: MR imaging with CT correlation. Van Tassel P, et al. **AJR Am J Roentgenol**

1989 Aug;153(2):407-12
Chronically obstructed sinonasal secretions: observations on T1 and T2 shortening. Som PM, et al. **Radiology** 1989 Aug; 172(2):515-20

PARANASAL SINUS NEOPLASMS

Pathologic quiz case 2. Fibromyxoma of the ethmoidal sinus with secondary sphenoidal sinus mucocele. Alleva MD, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):878-9, 881
Transcranial resection of tumors of the paranasal sinuses and nasal cavity. Blacklock JB, et al. **J Neurosurg** 1989 Jul; 71(1):10-5

PARANASAL SINUSES

Secure endoscopic sinus surgery as an adjunct to functional nasal surgery. Toffel PH, et al.
Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):822-5
Chronically obstructed sinonasal secretions: observations on T1 and T2 shortening. Som PM, et al. **Radiology** 1989 Aug; 172(2):515-20

PARANOID DISORDERS

Psychosis and anti-tuberculosis therapy [letter] Ball R, et al. **Lancet** 1989 Jul 8;2(8654):105

PARASYMPATHETIC NERVOUS SYSTEM

Cholinergic hyperactivity and negative schizophrenic symptoms. A model of cholinergic/dopaminergic interactions in schizophrenia. Tandon R, et al.
Arch Gen Psychiatry 1989 Aug;46(8):745-53 (135 ref.)

PARATHYROID DISEASES

Recurrent parathyroid cystic disease. Favus LH, et al.
Am Fam Physician 1989 Jul;40(1):119-22 (10 ref.)

PARATHYROID GLANDS

The role of parathyroid ultrasonography in the management of primary hyperparathyroidism. Mallette LE, et al.
Am J Med Sci 1989 Jul;298(1):51-8
Comparison of techniques for thallium-201-technetium-99m parathyroid imaging. Brownless SM, et al. **Br J Radiol** 1989 Jun;62(738):532-5

PARATHYROID HORMONES

Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Akatsu T, et al. **Endocrinology** 1989 Jul;125(1):20-7
Protein kinase-A and the effects of parathyroid hormone on phosphate uptake in opossum kidney cells. Martin KJ, et al. **Endocrinology** 1989 Jul;125(1):295-301
Calcium regulates parathyroid hormone messenger ribonucleic acid (mRNA), but not calcitonin mRNA in vivo in the rat. Dominant role of 1,25-dihydroxyvitamin D. Naveh-Many T, et al. **Endocrinology** 1989 Jul; 125(1):275-80

PARATHYROID NEOPLASMS

Clonality of parathyroid tumors in familial multiple endocrine neoplasia type 1. Friedman E, et al. **N Engl J Med** 1989 Jul 27;321(4):213-8
Association of parathyroid tumors in multiple endocrine neoplasia type 1 with loss of alleles on chromosome 11. Thakker RV, et al. **N Engl J Med** 1989 Jul 27;321(4):218-24

PARENT-CHILD RELATIONS

A piece of my mind. On his shoulders. Parker MB.
JAMA 1989 Aug 11;262(6):830

PARENTERAL FEEDING

The effect of intravenous nutrition on muscle mass and exercise capacity in perioperative patients. Wood CD, et al. **Am J Surg** 1989 Jul;158(1):63-7
Integration of nutrition support into oncologic treatment protocols for high and low nutritional risk children with Wilms' tumor. A prospective randomized study. Rickard KA, et al. **Cancer** 1989 Jul 15;64(2):491-509
Nutritional support in the critical care setting (Part 1). Berger R, et al. **Chest** 1989 Jul;96(1):139-50 (223 ref.)

PARENTERAL HYPERALIMENTATION

Nutritional support in the critical care setting (Part 1). Berger R, et al. **Chest** 1989 Jul;96(1):139-50 (223 ref.)
Transitional feeding: the relationship between nutritional intake and plasma protein concentrations. Winkler MF, et al. **J Am Diet Assoc** 1989 Jul;89(7):969-70
TEN versus TPN following major abdominal trauma--reduced septic morbidity. Moore FA, et al.
J Trauma 1989 Jul;29(7):916-22; discussion 922-3

PARENTS

Child abduction. Parent and child functioning following return. Forehand R, et al. **Clin Pediatr (Phila)** 1989 Jul; 28(7):311-6
Very low birth-weight infants: parental visiting and telephoning during initial infant hospitalization. Brown LP, et al. **Nurs Res** 1989 Jul-Aug;38(4):233-6

PARIETAL BONE

Platelet-derived growth factor enhances deoxyribonucleic acid and collagen synthesis in osteoblast-enriched cultures from fetal rat parietal bone. Centrella M, et al.
Endocrinology 1989 Jul;125(1):13-9

PARIETAL CELLS, GASTRIC

Parietal cell autoantigens involved in neonatal thymectomy-induced murine autoimmune gastritis. Studies using monoclonal autoantibodies. Mori Y, et al.
Gastroenterology 1989 Aug;97(2):364-75
Effect of a Campylobacter pylori protein on acid secretion by parietal cells. Cave DR, et al. **Lancet** 1989 Jul 22; 2(8656):187-9

PARIETAL LOBE

Inferior parietal region implicated in neurocognitive impairment in schizophrenia [letter] Cleghorn JM, et al.
Arch Gen Psychiatry 1989 Aug;46(8):758-60

PARKINSON DISEASE

Acute postoperative confusion and hallucinations in Parkinson disease. Golden WE, et al. **Ann Intern Med** 1989 Aug 1;111(3):218-22
Reversibility of upper airway obstruction after levodopa therapy in Parkinson's disease. Vincken WG, et al.
Chest 1989 Jul;96(1):210-2
Mitochondrial function in Parkinson's disease [letter] Bindoff LA, et al. **Lancet** 1989 Jul 1;2(8653):49
Jejunal delivery of levodopa methyl ester [letter] Ruggieri S, et al. **Lancet** 1989 Jul 1;2(8653):45-6
Adrenal medullary autografts in patients with Parkinson's disease [letter] **N Engl J Med** 1989 Aug 3;321(5):324-7
Continuous levodopa infusions to treat complex dystonia in Parkinson's disease. Sage JI, et al. **Neurology** 1989 Jul; 39(7):888-91
Xenobiotic metabolism in Parkinson's disease. Steventon GB, et al. **Neurology** 1989 Jul;39(7):883-7

PARKINSON DISEASE, SYMPTOMATIC

Diltiazem-induced parkinsonism. Dick RS, et al.
Am J Med 1989 Jul;87(1):95-6

PAROTID GLAND

Prior x-ray therapy for acne related to tumors of the parotid gland. Preston-Martin S. **Arch Dermatol** 1989 Jul; 125(7):921-4

PAROTID NEOPLASMS

Prior x-ray therapy for acne related to tumors of the parotid gland. Preston-Martin S. **Arch Dermatol** 1989 Jul; 125(7):921-4

PARTURIENT PARESIS

Recurring hypocalcemia of bovine parturient paresis is associated with failure to produce 1,25-dihydroxyvitamin D. Goff JP, et al. **Endocrinology** 1989 Jul;125(1):49-53

PATELLA

Patellar replacement in bilateral total knee arthroplasty. A study of patients who had rheumatoid arthritis and no gross deformity of the patella. Shoji H, et al.
J Bone Joint Surg [Am] 1989 Jul;71(6):853-6

PATHOLOGY

Monte Carlo simulation and the clinical laboratory. Connelly DP, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):750-7
The urine chemistry survey--series 2. 5 years' experience with an interlaboratory comparison program. Weaver DK, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):713-22

PATHOLOGY, CLINICAL

Dot diagrams as source documents for evaluations of test performance. Krieg AF, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):746-9
Laboratory accreditation and audit in pathology. London, February 7, 1989. Abstracts. **J Clin Pathol** 1989 Jun; 42(6):561-6

PATIENT ACCEPTANCE OF HEALTH CARE

Analysis of patient response to preoperative computerized video imaging. Thomas JR, et al.
Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):793-6
Self referral to an accident and emergency department [letter] Dale J, et al. **BMJ** 1989 Apr 29;298(6681):1182-3
Maternal reasons for delayed prenatal care. Young C, et al. **Nurs Res** 1989 Jul-Aug;38(4):242-3

PATIENT ADMISSION

Neonatal intensive care admissions: changing profile in Georgia, 1974 to 1982. Floyd RL, et al. **South Med J** 1989 Jul;82(7):880-4

PATIENT ADVOCACY

Need for a patient advocate. Moore C. **JAMA** 1989 Jul 14; 262(2):259-60
Right to know in Japan. Brahams D. **Lancet** 1989 Jul 15; 2(8655):173
Obstetric protest [letter] Corbishley H. **Lancet** 1989 Jul 15; 2(8655):162

PATIENT CARE TEAM

Effect of a psychiatric liaison program on consultation rates and on detection of minor psychiatric disorders in cancer patients. McCartney CF, et al. **Am J Psychiatry** 1989 Jul; 146(7):898-901
Intensive care unit use and collaboration between nurses and physicians. Baggs JG. **Heart Lung** 1989 Jul;18(4):332-8
Role of the nurse in the multidisciplinary team approach to care of liver transplant patients. Overman JA, et al.
Mayo Clin Proc 1989 Jun;64(6):690-8

PATIENT COMPLIANCE

Colon polyps in the elderly: appropriate primary care follow-up. Reza FM, et al. **Geriatrics** 1989 Jul;44(7):47-51, 54
Personal adjustments and regimen compliance 1 year after myocardial infarction. Miller P, et al. **Heart Lung** 1989 Jul; 18(4):339-46
Compliance in hemodialysis patients: a review of the literature. Hoover H. **J Am Diet Assoc** 1989 Jul;89(7):957-9 (18 ref.)
Why women resist screening mammography: patient-related barriers. Rimer BK, et al. **Radiology** 1989 Jul;172(1):243-6

PATIENT EDUCATION

Facilitating training in tracheoesophageal prosthesis placement. Enderle EE, et al.
Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):853-5
Patient understanding of the causes and medical treatment of rheumatic diseases in Spain [letter] Ruiz MT, et al.
Br J Rheumatol 1989 Aug;28(4):365-6
Cost containment: informing patients [letter] Oreopoulos DG.
Can Med Assoc J 1989 Jul 15;141(2):96
Comparison between videotape and personalized patient education for anticoagulant therapy. Stone S, et al.
J Fam Pract 1989 Jul;29(1):55-7
Preterm birth prevention in a rural practice. Yawn BP, et al. **JAMA** 1989 Jul 14;262(2):230-3

PATIENT ISOLATION

The isolation of HIV-positive patients [letter] Smith DA, et al. **JAMA** 1989 Jul 14;262(2):208-9

PATIENT PARTICIPATION

Children as decision makers: guidelines for pediatricians. King NM, et al. **J Pediatr** 1989 Jul;115(1):10-6
Understanding of elderly patients' resuscitation preferences by physicians and nurses. Uhlmann RF, et al.
West J Med 1989 Jun;150(6):705-7

PATIENT TRANSFER

Emergency interhospital transport of the major trauma patient: air versus ground. Boyd CR, et al. **J Trauma** 1989 Jun;29(6):789-93; discussion 793-4
Presence of three or more rib fractures as an indicator of need for interhospital transfer. Lee RB, et al. **J Trauma** 1989 Jun;29(6):795-9; discussion 799-800

PATIENTS

Characteristics of patients who highly utilize telephone medical care in a private practice. Daugird AJ, et al.
J Fam Pract 1989 Jul;29(1):59-63; discussion 63-4
Alcoholism in hospitalized patients in Switzerland [letter] Yersin B, et al. **JAMA** 1989 Aug 11;262(6):772
Patient expectations of radiology in noninteractive encounters. Smith WL, et al. **Radiology** 1989 Jul; 172(1):275-6

PEANUTS

Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Langkilde NC, et al. **Cancer** 1989 Aug 15;64(4):849–53

Peanutaholic has hyperpeanutemia [letter] Scheier NR. **JAMA** 1989 Jul 28;262(4):500–1

PECTINS

Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Fuse K, et al. **Dig Dis Sci** 1989 Jul;34(7):1109–16

PEDIATRICS

Beware of overtreating children! Cunningham AS. **Am J Dis Child** 1989 Jul;143(7):786–8

Does a residents' continuity clinic provide primary care? Wilson ME, et al. **Am J Dis Child** 1989 Jul;143(7):809–12

Children as decision makers: guidelines for pediatricians. King NM, et al. **J Pediatr** 1989 Jul;115(1):10–6

Pediatric Urology Medal. J. Herbert Johnston tribute. Glassberg KI. **J Urol** 1989 Aug;142(2 Pt 2):544–5

American Board of Pediatrics. Guidelines for combined internal medicine–pediatrics residency training programs. **Pediatrics** 1989 Jul;84(1):190–4

Professional liability coverage for residents [letter] Cohn B. **Pediatrics** 1989 Jul;84(1):195–6

Combined internal medicine/pediatric residency training programs. Ferrari ND 3d, et al. **Pediatrics** 1989 Jul; 84(1):94–7

Pediatric endocrinologic recommendations, pediatric practice, and current pediatric training regarding care of children with diabetes. Golden MP, et al. **Pediatrics** 1989 Jul;84(1):138–43

Pediatric emergency medicine: a developing subspecialty. Li M, et al. **Pediatrics** 1989 Aug;84(2):336–42

Needle injuries among pediatric housestaff physicians in New York City. Melzer SM, et al. **Pediatrics** 1989 Aug; 84(2):211–4

Combined medicine/pediatrics training programs. Middelkamp JN. **Pediatrics** 1989 Jul;84(1):181–2

In-training examinations as predictors of resident clinical performance. Quattlebaum TG, et al. **Pediatrics** 1989 Jul; 84(1):165–72

Pediatrician and parent: a challenge for female physicians. Sells JM, et al. **Pediatrics** 1989 Aug;84(2):355–61

Sunburns, melanoma, and the pediatrician. Williams ML, et al. **Pediatrics** 1989 Aug;84(2):381–2

PEER REVIEW

Speaking of peer review... [letter] Allen AD. **Arch Dermatol** 1989 Jul;125(7):1001–2

Should pharmacists evaluate the practices of physicians? [letter] Bodey GP. **JAMA** 1989 Jul 14;262(2):205–6

Legal immunity for peer-review programs [letter] Pedersen AB. **N Engl J Med** 1989 Jul 27;321(4):265

PELVIC BONES

Pelvic fracture in multiple trauma: classification by mechanism is key to pattern of organ injury, resuscitative requirements, and outcome. Dalal SA, et al. **J Trauma** 1989 Jul;29(7):981–1000; discussion 1000–2

Pseudodiverticulum of the bladder: an unusual complication of pelvic trauma. Lastarria E, et al. **J Urol** 1989 Aug;142(2):372–3

PELVIC EXENTERATION

The morbidity and benefits of concurrent gracilis myocutaneous graft with pelvic exenteration. Cain JM, et al. **Obstet Gynecol** 1989 Aug;74(2):185–9

PELVIC NEOPLASMS

Anal submucosal injection: a new route for drug administration in pelvic malignancies. IV. Submucosal anal injection in the treatment of cancer of uterine cervix—preliminary study. Shafik A. **Am J Obstet Gynecol** 1989 Jul;161(1):69–72

Aggressive angiomyxoma first diagnosed as levator hernia. Sutton GP, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):73–5

Prognostic significance of lymph nodal metastases in prostate cancer. Gervasi LA, et al. **J Urol** 1989 Aug;142(2):332–6

Laser-induced fluorescence of ectopic endometrium in rabbits. Vancaillie TG, et al. **Obstet Gynecol** 1989 Aug; 74(2):225–30

Internal iliac artery: embolization to control hemorrhage from pelvic neoplasms. Pisco JM, et al. **Radiology** 1989 Aug;172(2):337–9

PELVIS

Sampling bandwidth and fat suppression: effects on long TR/TE MR imaging of the abdomen and pelvis at 1.5 T. Mitchell DG, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):419–25

PEMPHIGUS

Mediators of inflammation in blister fluids from patients with pemphigus vulgaris and bullous pemphigoid. Grando SA, et al. **Arch Dermatol** 1989 Jul;125(7):925–30

PENICILLAMINE

Sulphasalazine in rheumatoid arthritis: haematological problems [letter] Lyle WH. **Br J Rheumatol** 1989 Aug; 28(4):363–4

PENICILLIN G

Prophylaxis in patients with rheumatic fever: every three or every four weeks? Ayoub EM. **J Pediatr** 1989 Jul; 115(1):89–91

Pharmacokinetics of benzathine penicillin G: serum levels during the 28 days after intramuscular injection of 1,200,000 units. Kaplan EL, et al. **J Pediatr** 1989 Jul;115(1):146–50

PENICILLIN, PHENOXYMETHYL

Penicillin and clindamycin therapy in recurrent tonsillitis. Effect of microbial flora. Foote PA Jr, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):856–9

PENICILLIN RESISTANCE

Methicillin-resistant staphylococcal mastitis. Kalstone C. **Am J Obstet Gynecol** 1989 Jul;161(1):120

PENILE ERECTION

Local and systemic effects of chronic intracavernous injection of papaverine, prostaglandin E1, and saline in primates. Aboseif SR, et al. **J Urol** 1989 Aug;142(2):403–8

Sexual function and fertility in patients treated for posterior urethral valves. Woodhouse CR, et al. **J Urol** 1989 Aug; 142(2 Pt 2):586–8; discussion 603–5

PENIS

Penile block via the subpubic space in 100 children. Dalens B, et al. **Anesth Analg** 1989 Jul;69(1):907–11

Local and systemic effects of chronic intracavernous injection of papaverine, prostaglandin E1, and saline in primates. Aboseif SR, et al. **J Urol** 1989 Aug;142(2):403–8

Phallic reconstruction in cloacal exstrophy. Husmann DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):563–4; discussion 572

Microsurgical penile revascularization using the central corporeal penile artery. Konnak JW, et al. **J Urol** 1989 Aug;142(2):305–8

Value of sonography in true complete diphallia. Marti-Bonmati L, et al. **J Urol** 1989 Aug;142(2):356–7

Small penis and the male sexual role. Reilly JM, et al. **J Urol** 1989 Aug;142(2 Pt 2):569–71; discussion 572

Small-bowel obstruction by an inflatable penile prosthesis reservoir. Luks FI, et al. **Surgery** 1989 Jul;106(1):101–4 (19 ref.)

Penile venous surgery. Lue TF. **Urol Clin North Am** 1989 Aug;16(3):607–11

PEPTIC ULCER

Current indications for elective peptic ulcer surgery. Taylor TV. **Br J Surg** 1989 May;76(5):427–8 (8 ref.)

PEPTIC ULCER PERFORATION

Nonoperative treatment of perforated duodenal ulcer. Berne TV, et al. **Arch Surg** 1989 Jul;124(7):830–2

Operative mortality after perforated peptic ulcer. Ball AB, et al. **Br J Surg** 1989 May;76(5):521–2

PEPTIDE CHAIN TERMINATION

Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. Weiss EA, et al. **J Immunol** 1989 Aug 1;143(3):1046–52

PEPTIDE FRAGMENTS

Calcitonin, katacalcin, and calcitonin gene-related peptide in the human prostate. An immunocytochemical and immunoelectron microscopic study. di Sant'Agnese PA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):790–6

Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Akatsu T, et al. **Endocrinology** 1989 Jul;125(1):20–7

PTHrP secretion is stimulated by CT and inhibited by CgA peptides. Deftos LJ, et al. **Endocrinology** 1989 Jul; 125(1):563–5

Antibodies against a peptide representative of a conserved region of human IFN-alpha. Differential effects on the antiviral and antiproliferative effects of IFN. Barasoain I, et al. **J Immunol** 1989 Jul 15;143(2):507–12

Fine specificity of T cell recognition of the same peptide in association with different I-A' molecules. Brett SJ, et al. **J Immunol** 1989 Aug 1;143(3):771–9

Induction of class I MHC-restricted, peptide-specific cytolytic T lymphocytes by peptide priming in vivo. Ishioka GY, et al. **J Immunol** 1989 Aug 15;143(4):1094–100

Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. Kara U, et al. **J Immunol** 1989 Aug 15;143(4):1334–9

Analysis of the interaction of peptide hen egg white lysozyme (34–45) with the I-Ak molecule. Lambert LE, et al. **J Immunol** 1989 Aug 1;143(3):802–7

Cell-mediated immune responses to vaccine peptides derived from the circumsporozoite protein of Plasmodium falciparum. Russo DM, et al. **J Immunol** 1989 Jul 15; 143(2):655–9

Effect of conformational propensity of peptide antigens in their interaction with MHC class II molecules. Failure to document the importance of regular secondary structures. Sette A, et al. **J Immunol** 1989 Aug 15;143(4):1268–73

A single amino acid substitution in HLA-A2 can alter the selection of the cytotoxic T lymphocyte repertoire that responds to influenza virus matrix peptide 55–73. Shimojo N, et al. **J Immunol** 1989 Jul 15;143(2):558–64

Improvement in AIDS patients on peptide T [letter] Bridge TP, et al. **Lancet** 1989 Jul 22;2(8656):226–7

PEPTIDE HYDROLASES

Proteases and protease inhibitors in immune complex otitis media in chinchillas. Hamaguchi Y, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):563–8

Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. van de Winkel JG, et al. **J Immunol** 1989 Jul 15;143(2):571–8

PEPTIDES

Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S–31S (13 ref.)

Intestinal absorption of peptide enteral formulas in hypoproteinemic (volume expanded) rats: a paired analysis. Brinson RR, et al. **Crit Care Med** 1989 Jul;17(7):657–60

Peptide enteral formulas [editorial] Silk DB. **Crit Care Med** 1989 Jul;17(7):708–9

Glucagonostatic and insulinotropic action of glucagonlike peptide I-(7-36)-amide. Komatsu R, et al. **Diabetes** 1989 Jul;38(7):902–5

Immunolocalization of renal mineralocorticoid receptors with an antiserum against a peptide deduced from the complementary deoxyribonucleic acid sequence. Krozowski ZS, et al. **Endocrinology** 1989 Jul;125(1):192–8

A structurally unique, potent, and selective oxytocin antagonist derived from Streptomyces silvensis. Pettibone DJ, et al. **Endocrinology** 1989 Jul;125(1):217–22

Presence of calcitonin-like peptide in rat milk: possible physiological role in regulation of neonatal prolactin secretion. Shah GV, et al. **Endocrinology** 1989 Jul; 125(1):61–7

Inhibitory effect of galanin on postprandial gastrointestinal motility and gut hormone release in humans. Bauer FE, et al. **Gastroenterology** 1989 Aug;97(2):260–4

Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. Mukaida N, et al. **J Immunol** 1989 Aug 15;143(4):1366–71

Human eosinophil cytotoxicity-enhancing factor. Purification, physical characteristics, and partial amino acid sequence of an active polypeptide. Silberstein DS, et al. **J Immunol** 1989 Aug 1;143(3):979–83

Inhibition of lymphocyte function by glioblastoma-derived transforming growth factor beta 2. Kuppner MC, et al. **J Neurosurg** 1989 Aug;71(2):211–7

Endothelin in urine [letter] Berbinschi A, et al. **Lancet** 1989 Jul 1;2(8653):46

Increased plasma concentrations of endothelin-1 and big endothelin-1 in acute myocardial infarction [letter] Miyauchi T, et al. **Lancet** 1989 Jul 1;2(8653):53–4

PEPTIDOGLYCAN

Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142–8

PERCEPTUAL MASKING

Sensory input deficits and negative symptoms in schizophrenic patients. Braff DL. **Am J Psychiatry** 1989 Aug;146(8):1006–11

PERFUSION, REGIONAL

Results of regional isolation perfusion with cytostatics in patients with soft tissue tumors of the extremities. Klaase JM, et al. **Cancer** 1989 Aug 1;64(3):616–21

A useful maneuver for hepatic arterial catheterization in patients with metastatic hepatic disease and abnormal vascular anatomy. Goldberg JA, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):71–2

PERIARTERITIS NODOSA

Staphylococcus aureus septicaemia: the initial presentation of polyarteritis nodosa. O'Sullivan J, et al. **Br J Rheumatol** 1989 Aug;28(4):347–9

PERICARDIAL EFFUSION

What constitutes definitive therapy of malignant pericardial effusion? "Medical" versus surgical treatment. Hawkins JW, et al. **Am Heart J** 1989 Aug;118(2):428–32

PERICARDIECTOMY

Evaluation of occult cardiac injuries using subxiphoid pericardial window. Duncan AO, et al. **J Trauma** 1989 Jul; 29(7):955–9; discussion 959–60

PERICARDITIS, CONSTRICTIVE

Abnormal left ventricular–left atrial posterior wall contour: a new two-dimensional echocardiographic sign in constrictive pericarditis. D'Cruz IA, et al. **Am Heart J** 1989 Jul;118(1):128–32

Differentiation of constrictive pericarditis and restrictive cardiomyopathy by radionuclide ventriculography. Gerson MC, et al. **Am Heart J** 1989 Jul;118(1):114–20

PERICARDIUM

Use of cross-linked bovine pericardium as a disc replacement in the rabbit temporomandibular joint. Gibeault JD, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):828–33

PERINATOLOGY

Understanding and eliminating errors in perinatal research. Block BS. **Am J Obstet Gynecol** 1989 Jul;161(1):5–9

Retrospective and prospective identification of unpublished controlled trials: lessons from a survey of obstetricians and pediatricians. Hetherington J, et al. **Pediatrics** 1989 Aug; 84(2):374–80

PERINEUM

Rectus abdominis muscle flap [letter] Heaton ND, et al. **Br J Surg** 1989 May;76(5):525

Ultrasound/PEME for perineal pain [editorial] **Lancet** 1989 Jul 1;2(8653):22–3

PERIODIC DISEASE

The metaraminol test and adverse cardiac effects [letter] Buades J, et al. **Ann Intern Med** 1989 Aug 1;111(3):259–60

Recurrent pulmonary atelectasis as a manifestation of familial Mediterranean fever [letter] Colebatch HJ. **Arch Intern Med** 1989 Jul;149(7):1698

PERIODICALS

Fifty years of Anesthesiology. Saidman LJ, et al. **Anesthesiology** 1989 Jul;71(1):1–7

Boycotting journals [letter] **Lancet** 1989 Jul 22;2(8656):221–2

Future of French-language journals [letter] Olivier C, et al. **Lancet** 1989 Jul 22;2(8656):222

WHO and PLO [letter] Yoshida T. **Lancet** 1989 Jul 22; 2(8656):222

Editor's opinions and Journal policy [letter] Korn M. **N Engl J Med** 1989 Aug 10;321(6):401–2

PERIODICITY

Prenatal photoperiod influences neonatal prolactin secretion in the sheep. Ebling FJ, et al. **Endocrinology** 1989 Jul; 125(1):384–91

PERIPHERAL NERVE DISEASES

Multiple nerve palsies after anesthesia—a complication of nitrous oxide use? [letter] Lampert BA. **Anesth Analg** 1989 Jul;69(1):1002–3

PERIPHERAL NERVE NEOPLASMS

Neurilemoma of the sciatic nerve mimicking tarsal tunnel syndrome. Report of a case. Wolock BS, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):932–4

PERIPHERAL NERVES

Anti-peripheral nerve myelin antibodies in Guillain-Barre syndrome bind a neutral glycolipid of peripheral myelin and cross-react with Forssman antigen. Koski CL, et al. **J Clin Invest** 1989 Jul;84(1):280–7

PERITONEAL CAVITY

Prognostic significance of positive peritoneal cytology in clinical stage I adenocarcinoma of the endometrium. Lurain JR, et al. **Obstet Gynecol** 1989 Aug;74(2):175–9

PERITONEAL LAVAGE

Percutaneous peritoneal lavage in blunt trauma patients: a safe and accurate diagnostic method. Sherman JC, et al. **J Trauma** 1989 Jun;29(6):801–4; discussion 804–5

PERITONEAL NEOPLASMS

Peritoneal carcinomatosis of unknown primary site in women. A distinctive subset of adenocarcinoma. Strnad CM, et al. **Ann Intern Med** 1989 Aug 1;111(3):213–7

Biliary carcinoma: CT evaluation of extrahepatic spread. Engels JT, et al. **Radiology** 1989 Jul;172(1):35–40

PERITONEOSCOPY

Laparoscopy and vagal arrest [letter] Doyle DJ, et al. **Anaesthesia** 1989 May;44(5):448

Postoperative pain after laparoscopic sterilisation [letter] McKenzie R. **Anaesthesia** 1989 May;44(5):450

A comparative study of postoperative adhesions following laser surgery by laparoscopy versus laparotomy in the rabbit model. Luciano AA, et al. **Obstet Gynecol** 1989 Aug; 74(2):220–4

Management of unruptured ectopic gestation by linear salpingostomy: a prospective, randomized clinical trial of laparoscopy versus laparotomy [letter] Watson WJ. **Obstet Gynecol** 1989 Aug;74(2):282–3

PERITONITIS

Open abdomen technique in the treatment of peritonitis. Korepanov VI. **Br J Surg** 1989 May;76(5):471

Idiopathic sclerosing encapsulating peritonitis. Narayanan R, et al. **Lancet** 1989 Jul 15;2(8655):127–9

Peritoneal reaction resulting from iodinated contrast material: comparative study. Eisenberg AD, et al. **Radiology** 1989 Jul;172(1):149–51

PERONEAL NERVE

Laser-assisted nerve repair in primates. Bailes JE, et al. **J Neurosurg** 1989 Aug;71(2):266–72

PEROXIDASES

Injurious effect of the eosinophil peroxide–hydrogen peroxide–halide system and major basic protein on human nasal epithelium in vitro. Ayars GH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):125–31

PERPHENAZINE

Disposition of perphenazine is related to polymorphic debrisoquin hydroxylation in human beings. Dahl-Puustinen ML, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):78–81

PERSISTENT FETAL CIRCULATION SYNDROME

Survival of infants with persistent pulmonary hypertension without extracorporeal membrane oxygenation. Dworetz AR, et al. **Pediatrics** 1989 Jul;84(1):1–6

PERSONAL SATISFACTION

Job stress and satisfaction among the staff members at a cancer center. Peteet JR, et al. **Cancer** 1989 Aug 15; 64(4):975–82

PERSONALITY

Family functioning, temperament, and psychologic adaptation in children with congenital or acquired limb deficiencies. Varni JW, et al. **Pediatrics** 1989 Aug; 84(2):323–30

PERSONALITY DISORDERS

Self-defeating personality disorder and DSM-III-R: development of the diagnostic criteria. Kass F, et al. **Am J Psychiatry** 1989 Aug;146(8):1022–6 (49 ref.)

DSM-III personality disorder diagnoses in a nonpatient sample. Demographic correlates and comorbidity. Zimmerman M, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):682–9

PERSONNEL ADMINISTRATION, HOSPITAL

Hospital executive works 'triple time' for staff. Lappa K. **Hospitals** 1989 Jul 5;63(13):54

How to avoid strikes in a unionized hospital. Lappa K. **Hospitals** 1989 Jul 5;63(13):48–9

Hospitals learn to deal with unionization. Powills S. **Hospitals** 1989 Jul 5;63(13):44–9

PERSONNEL, HOSPITAL

Hospitals ready for OSHA worker-safety rules. Holthaus D. **Hospitals** 1989 Jul 5;63(13):50, 52

Mucocutaneous injuries at a university teaching hospital. McCurdy SA, et al. **West J Med** 1989 May;150(5):604–8

PERSONNEL MANAGEMENT

Write a job description. Firth R. **BMJ** 1989 May 13; 298(6683):1306–7

Outplacement services ease a CEO's job search. Droste T. **Hospitals** 1989 Jul 5;63(13):81

PERTUSSIS VACCINE

Adverse reactions and serologic response to a booster dose of acellular pertussis vaccine in children immunized with acellular or whole-cell vaccine as infants. Blennow M, et al. **Pediatrics** 1989 Jul;84(1):62–7

Optimum needle length for diphtheria-tetanus-pertussis inoculation of infants. Hick JF, et al. **Pediatrics** 1989 Jul; 84(1):136–7

PEST CONTROL

"Miraculous insecticide chalk"—An unregistered household insecticide [letter] Kizer KW, et al. **West J Med** 1989 Jun; 150(6):698

PESTICIDES

Pesticide in lanolin [letter] Cade PH. **JAMA** 1989 Aug 4; 262(5):613

PHAGOCYTES

Interferon beta 2/interleukin 6 modulates synthesis of alpha 1-antitrypsin in human mononuclear phagocytes and in human hepatoma cells. Perlmutter DH, et al. **J Clin Invest** 1989 Jul;84(1):138–44

PHAGOCYTOSIS

Complement-mediated phagocytosis of herpes simplex virus by granulocytes. Binding or ingestion. Van Strijp JA, et al. **J Clin Invest** 1989 Jul;84(1):107–12

PHARMACEUTICAL SERVICES

Office-based medication dispensing: another consideration [letter] Erramouspe J, et al. **Pediatrics** 1989 Aug;84(2):400

PHARMACIES

Boycotting pharmacies that sell tobacco products [letter] Pinsky N. **Can Med Assoc J** 1989 Jul 15;141(2):96

PHARMACY

Should pharmacists evaluate the practices of physicians? [letter] Bodey GP. **JAMA** 1989 Jul 14;262(2):205–6

PHARYNGEAL NEOPLASMS

Percutaneous endoscopic gastrostomy in head and neck cancer patients. Hunter JG, et al. **Ann Surg** 1989 Jul; 210(1):42–6

The diagnosis of tumours involving the parapharyngeal space by computed tomography. Whyte AM, et al. **Br J Radiol** 1989 Jun;62(738):526–31

Factors delaying the diagnosis of oral and oropharyngeal carcinomas. Guggenheimer J, et al. **Cancer** 1989 Aug 15; 64(4):932–5

PHARYNGITIS

Non-group A streptococci in the pharynx. Pathogens or innocent bystanders? Hayden GF, et al. **Am J Dis Child** 1989 Jul;143(7):794–7

The diagnosis of group A, beta-hemolytic streptococcal pharyngitis in the office setting [letter] Kellogg JA. **Am J Dis Child** 1989 Jul;143(7):761–2

Benefits of the pharyngeal pack [letter] Sexton J, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):891

PHARYNX

Retained nasopharyngeal airway [letter] Smith BL. **Anaesthesia** 1989 May;44(5):447

Uvulopalatopharyngoplasty: postoperative management and evaluation of results. Macaluso RA, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):502–7

Evidence of inherited susceptibility of increased streptococcal adherence to pharyngeal cells of children with rheumatic fever. Hafez M, et al. **Br J Rheumatol** 1989 Aug;28(4):304–9

PHENELZINE

MAOI-induced hypersomnia in patients with bulimia [letter] Gray GE. **Am J Psychiatry** 1989 Aug;146(8):1078

PHENOLS

Hypertrophic obstructive cardiomyopathy in combination with a prolapsing mitral valve. Anaesthesia for surgical correction with propofol. Bell MD, et al. **Anaesthesia** 1989 May;44(5):409–11

The effects of speed of injection on induction with propofol. A comparison with etomidate. Gillies GW, et al. **Anaesthesia** 1989 May;44(5):386–8

Hemodynamic and cardiodynamic effects of propofol and etomidate: negative inotropic properties of propofol. Brüssel T, et al. **Anesth Analg** 1989 Jul;69(1):901–6

Estimation of phenolic conjugation by colonic mucosa. Ramakrishna BS, et al. **J Clin Pathol** 1989 Jun;42(6):620–3

PHENOTYPE

A general system of resistance to malaria infection in Anopheles gambiae controlled by two main genetic loci. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):585–92

Association of a Plasmodium–refractory phenotype with an esterase locus in Anopheles gambiae. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):593–7

PHENYTOIN

Phenytoin–induced acute respiratory failure with pulmonary eosinophilia. Mahatma M, et al. **Am J Med** 1989 Jul; 87(1):93–4

The effect of acutely administered phenytoin on vecuronium–induced neuromuscular blockade. Gray HS, et al. **Anaesthesia** 1989 May;44(5):379–81

Fluconazole and phenytoin: a predictable interaction. Mitchell AS, et al. **BMJ** 1989 May 13;298(6683):1315

Pharmacokinetic interaction between intravenous phenytoin and amiodarone in healthy volunteers. Nolan PE Jr, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):43–50

Phenytoin withdrawal and seizure frequency. Bromfield EB, et al. **Neurology** 1989 Jul;39(7):905–9

Phenytoin absorption in volunteers receiving selected enteral feedings. Guidry JR, et al. **West J Med** 1989 Jun; 150(6):659–61

PHEOCHROMOCYTOMA

Disparate urinary catecholamine patterns in secondary hypertension due to unique sequential development of pheochromocytoma and neuroblastoma. Amodeo C, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):800–2

New perspectives in pheochromocytoma. Greene JP, et al. **Urol Clin North Am** 1989 Aug;16(3):487–503 (131 ref.)

Anesthesia in adrenal surgery. Jovenich JJ. **Urol Clin North Am** 1989 Aug;16(3):583–7 (55 ref.)

Preoperative and surgical management of pheochromocytoma. Malone MJ, et al. **Urol Clin North Am** 1989 Aug;16(3):567–82 (38 ref.)

PHILATELY

Nicolas–Louis Vauquelin—discoverer of chromium. Kyle RA, et al. **Mayo Clin Proc** 1989 Jun;64(6):643

PHLEBOGRAPHY

Digital venography of the lower extremity. Lee KR, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):413–7

PHLEBOTOMUS

Experimental studies on the maintenance of Toscana and Arbia viruses (Bunyaviridae: Phlebovirus). Ciufolini MG, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):669–75

PHOBIC DISORDERS

Three cases of panic disorder with agoraphobia in children. Ballenger JC, et al. **Am J Psychiatry** 1989 Jul;146(7):922–4

Blood–injury phobia [letter] Fava GA, et al. **Am J Psychiatry** 1989 Jul;146(7):948–9

Plasma lipid levels in patients with panic disorder or agoraphobia. Hayward C, et al. **Am J Psychiatry** 1989 Jul; 146(7):917–9

Late–life onset of panic disorder with agoraphobia in three patients. Luchins DJ, et al. **Am J Psychiatry** 1989 Jul; 146(7):920–1

PHOSPHATASES

Inositol 1,4,5–trisphosphate phosphatase deficiency and malignant hyperpyrexia in swine. Foster PS, et al. **Lancet** 1989 Jul 15;2(8655):124–7

PHOSPHATES

The effect of dobutamine on myocardial performance and high–energy phosphate metabolism at different stages of heart failure in cardiomyopathic hamsters: a 31P MRS study. Buser PT, et al. **Am Heart J** 1989 Jul;118(1):86–91

Iron fortification of flour with a complex ferric orthophosphate. Hallberg L, et al. **Am J Clin Nutr** 1989 Jul;50(1):129–35

Protein kinase–A and the effects of parathyroid hormone on phosphate uptake in opossum kidney cells. Martin KJ, et al. **Endocrinology** 1989 Jul;125(1):295–301

Hypercalciuric hypophosphatemic rickets, mineral balance, bone histomorphometry, and therapeutic implications of hypercalciuria. Chen C, et al. **Pediatrics** 1989 Aug; 84(2):276–80

PHOSPHATIDYLINOSITOLS

Hydrolysis of inositol phospholipids induced by stimulation of the T cell antigen receptor complex in antigen–specific, murine helper T cell clones. Requirement for exogenous calcium. Bonvini E, et al. **J Immunol** 1989 Jul 15; 143(2):587–95

PHOSPHOINOSITIDES

Phosphoinositide hydrolysis and insulin secretion in response to glucose stimulation are impaired in isolated rat islets by prolonged exposure to the sulfonylurea tolbutamide. Zawalich WS. **Endocrinology** 1989 Jul;125(1):281–6

Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune–prone lpr mice. Coggeshall KM, et al. **J Immunol** 1989 Aug 1; 143(3):780–6

PHOSPHOLIPASE C

Neutrophil oxidative metabolism after exposure to bacterial phospholipase C. Styrt B, et al. **J Lab Clin Med** 1989 Jul; 114(1):51–7

PHOSPHOLIPIDS

Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Leventhal LJ, et al. **Am J Med** 1989 Jul;87(1):111–3

PHOSPHOPROTEINS

Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. Cooper HL, et al. **J Immunol** 1989 Aug 1;143(3):956–63

PHOSPHOPYRUVATE HYDRATASE

Neurological outcome after out–of–hospital cardiac arrest. Prediction by cerebrospinal fluid enzyme analysis. Roine RO, et al. **Arch Neurol** 1989 Jul;46(7):753–6

PHOSPHORUS

Surgically curable hypophosphatemic rickets. Diagnosis and management. Hanukoglu A, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):321–5

PHOSPHOTRANSFERASES, ATP

Decreased erythrocyte phosphoribosylpyrophosphate synthetase activity and impaired formation in thalassemia minor: a mechanism for decreased adenine nucleotide content. Zerez CR, et al. **J Lab Clin Med** 1989 Jul; 114(1):43–50

PHOTOCHEMOTHERAPY

Biodistribution of indium 111–labeled dihematoporphyrin ether in papillomas and body tissues. Relevance to photodynamic therapy. Shikowitz MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):845–7

Photodynamic therapy. **Lancet** 1989 Jul 8;2(8654):81–2 (18 ref.)

The effect of photodynamic therapy on tumor oxygenation. Reed MW, et al. **Surgery** 1989 Jul;106(1):94–9

PHOTOGRAPHY

Photographic cures for dermatologic disorders. Slue WE Jr. **Arch Dermatol** 1989 Jul;125(7):960–2

A pointer on pointers [letter] Hoehn JG. **Plast Reconstr Surg** 1989 Aug;84(2):364

PHOTOSENSITIVITY DISORDERS

Photosensitivity and anti–Ro (SS–A) antibodies in black patients with systemic lupus erythematosus (SLE). Sutej PG, et al. **Br J Rheumatol** 1989 Aug;28(4):321–4

PHOTOTHERAPY

Photoradiation therapy of tumors [letter] Steichen JD. **J Neurosurg** 1989 Jul;71(1):151–2

PHRENIC NERVE

Selective reinnervation of the abductor and adductor muscles of the canine larynx after recurrent nerve paralysis. Marie JP, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):530–6

Rehabilitation of quadriplegic patients with phrenic nerve pacers. Lee MY, et al. **Arch Phys Med Rehabil** 1989 Jul; 70(7):549–52

PHYSICAL CONDITIONING, ANIMAL

Exercise training after experimental myocardial infarction increases the ventricular fibrillation threshold before and after the onset of reinfarction in the isolated rat heart. Posel D, et al. **Circulation** 1989 Jul;80(1):138–45

PHYSICAL EDUCATION AND TRAINING

Does exercise training deteriorate ventricular function? [letter] Fisman EZ, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):263–4

PHYSICAL EXAMINATION

Smoking cessation counseling during periodic health examinations. Bronson DL, et al. **Arch Intern Med** 1989 Jul;149(7):1653–6

A digital test for pelvic muscle strength in older women with urinary incontinence. Brink CA, et al. **Nurs Res** 1989 Jul–Aug;38(4):196–9

PHYSICAL FITNESS

The relationship of treadmill test performance to blood pressure and other cardiovascular risk factors in adolescents. Gillum RF. **Am Heart J** 1989 Jul;118(1):161–71

Left ventricular dynamics during exercise in elite marathon runners. Fagard R, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):112–8

From the Centers for Disease Control. Progress toward achieving the 1990 national objectives for physical fitness and exercise. **JAMA** 1989 Aug 11;262(6):746, 748, 753

PHYSICAL MEDICINE

Reliability and validity of the WATSMART three–dimensional optoelectric motion analysis system. Scholz JP. **Phys Ther** 1989 Aug;69(8):679–89

PHYSICAL THERAPY

Ankylosing spondylitis and exercise [letter] Richards AJ. **Br J Rheumatol** 1989 Aug;28(4):365

Respiratory physiotherapy for cystic fibrosis [letter] Webber BA, et al. **J Pediatr** 1989 Jul;115(1):167–8

Diagnosis and direct access: reactions to editorial [letter] **Phys Ther** 1989 Jul;69(7):620–1

Proceedings of the APTA Conference on Clinical Decision Making in Physical Therapy Practice, Education and Research. October 2–3, 1988, Osage Beach, Missouri. **Phys Ther** 1989 Jul;69(7):523–617

Objective measures. Bohannon RW. **Phys Ther** 1989 Jul; 69(7):590–3

Use of survey research methods to study clinical decision making: referral to physical therapy of children with cerebral palsy. Campbell SK, et al. **Phys Ther** 1989 Jul; 69(7):610–5

Subjective measures and clinical decision making. Delitto A. **Phys Ther** 1989 Jul;69(7):585–9

On developing expert–based decision–support systems in physical therapy: the NIOSH low back atlas. Delitto A, et al. **Phys Ther** 1989 Jul;69(7):554–8

Hypothesis–oriented algorithms. Echternach JL, et al. **Phys Ther** 1989 Jul;69(7):559–64

Single–subject experimental paradigm as a clinical decision tool. Gonnella C. **Phys Ther** 1989 Jul;69(7):601–9

A model of orthopaedic dysfunction for clinical decision making in physical therapy practice. Harris BA, et al. **Phys Ther** 1989 Jul;69(7):548–53 (12 ref.)

Measuring subjective clinical outcomes. Jette AM. **Phys Ther** 1989 Jul;69(7):580–4

Section educational opportunities [letter] Johnson GR. **Phys Ther** 1989 Aug;69(8):702

Clinical decision making in physical therapy: a practitioner's perspective. Magistro CM. **Phys Ther** 1989 Jul;69(7):525–34

Making decisions based on group designs and meta–analysis. Norton BJ, et al. **Phys Ther** 1989 Jul;69(7):594–600

Physical therapy diagnosis: role and function. Rose SJ. **Phys Ther** 1989 Jul;69(7):535–7

On defining subjective and objective measurements. Rothstein JM. **Phys Ther** 1989 Jul;69(7):577–9

Not really reliability? [letter] Stratford PW. **Phys Ther** 1989 Aug;69(8):700–2

Clinical decision analysis. Watts NT. **Phys Ther** 1989 Jul; 69(7):569–76

PHYSICIAN IMPAIRMENT

Impaired physicians: they are not the only ones at risk. Jacyk W. **Can Med Assoc J** 1989 Jul 15;141(2):147–8

PHYSICIAN–PATIENT RELATIONS

Short stories about doctors and patients: a course [letter] Ness DE. **Acad Med** 1989 Jul;64(7):390–1

Balint groups and difficult physician–patient relationships [letter] Pomeroy DP. **J Fam Pract** 1989 Jul;29(1):16–7

A piece of my mind. Flaky. Katz RA. **JAMA** 1989 Jul 14; 262(2):282

Why do I even try? [letter] Hunt J. **Postgrad Med** 1989 Jul; 86(1):30, 33

It's a miracle! Wassersug JD. **Postgrad Med** 1989 Jul; 86(1):76–7

The importance of hope. Levine AM. **West J Med** 1989 May; 150(5):609

PHYSICIANS

The illusion of futility in clinical practice. Lantos JD, et al. **Am J Med** 1989 Jul;87(1):81–4

Effect of physician characteristics on the cesarean birth rate. Berkowitz GS, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):146–9

The debate over physician ownership of health care facilities. Iglehart JK. **N Engl J Med** 1989 Jul 20;321(3):198–204

Health manpower. II. Physician time expended in shaving [letter] Riley HD Jr. **South Med J** 1989 Jul;82(7):932–3
Physicians' attitudes toward the legalization of marijuana use. Linn LS, et al. **West J Med** 1989 Jun;150(6):714–7
Understanding of elderly patients' resuscitation preferences by physicians and nurses. Uhlmann RF, et al. **West J Med** 1989 Jun;150(6):705–7

PHYSICIANS' ASSISTANTS

Assistants at cataract surgery [letter] Hoffer KJ. **Arch Ophthalmol** 1989 Jul;107(7):952
Prohibition on charges for services of assistant cataract surgeons upheld by Federal Court of Appeals. Portman RM. **Arch Ophthalmol** 1989 Jul;107(7):975–7

PHYSICIANS, FAMILY

Rheumatology education in primary care practice [letter] Hynes DM. **Br J Rheumatol** 1989 Aug;28(4):362–3
Family physicians and general internists: do they treat hypertensive patients differently? Adamson TE, et al. **J Fam Pract** 1989 Jul;29(1):93–9

PHYSICIAN'S PRACTICE PATTERNS

Rheumatology patients and hospital secretaries [letter] Briggs S. **Br J Rheumatol** 1989 Aug;28(4):365
Family physicians and general internists: do they treat hypertensive patients differently? Adamson TE, et al. **J Fam Pract** 1989 Jul;29(1):93–9
Should pharmacists evaluate the practices of physicians? [letter] Bodey GP. **JAMA** 1989 Jul 14;262(2):205–6
Physicians' conflicts in patient referrals. Stark FH. **JAMA** 1989 Jul 21;262(3):397
MCAT responds to changes in medical education and physician practice. Swanson A, et al. **JAMA** 1989 Jul 14; 262(2):261–3
Medicine for sale. Silver GA. **Lancet** 1989 Jul 8;2(8654):95

PHYSICIANS, WOMEN

Pediatrician and parent: a challenge for female physicians. Sells JM, et al. **Pediatrics** 1989 Aug;84(2):355–61

PHYSOSTIGMINE

Physostigmine in the treatment of intrathecal baclofen overdose. Report of three cases. Müller-Schwefe G, et al. **J Neurosurg** 1989 Aug;71(2):273–5

PHYTONADIONE

Dietary deficiency of phylloquinone and reduced serum levels in febrile neutropenic cancer patients. Conly J, et al. **Am J Clin Nutr** 1989 Jul;50(1):109–13
Phylloquinone in plasma from elderly and young adults: factors influencing its concentration. Sadowski JA, et al. **Am J Clin Nutr** 1989 Jul;50(1):100–8

PIA MATER

Vicryl (polyglactin 910) mesh as a dural substitute in the presence of pia arachnoid injury. Nussbaum CE, et al. **J Neurosurg** 1989 Jul;71(1):124–7

PICA

Fecal impaction due to geophagia [letter] Wrenn K. **South Med J** 1989 Jul;82(7):932

PIGMENTATION DISORDERS

Hypomelanosis of Ito: spectrum of the disease. Glover MT, et al. **J Pediatr** 1989 Jul;115(1):75–80

PILOT PROJECTS

"Pilot" studies [letter] Nelson JE. **Ann Intern Med** 1989 Jul 15;111(2):188–9

PIMOZIDE

Controlled study of haloperidol, pimozide and placebo for the treatment of Gilles de la Tourette's syndrome. Shapiro E, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):722–30

PINEAL BODY

CSF placental alkaline phosphatase as marker in cranial dysgerminoma [letter] Ramakrishnan S, et al. **Lancet** 1989 Jul 22;2(8656):225

PIPERAZINES

Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Sieck EA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1023–4
Low dose almitrine bismesylate improves pulmonary gas exchange during canine one-lung hypoxia. Takasaki M, et al. **Crit Care Med** 1989 Jul;17(7):661–5

PIPERIDINES

Cisapride stimulates antral motility and decreases biliary reflux in patients with severe dyspepsia. Rezende-Filho J, et al. **Dig Dis Sci** 1989 Jul;34(7):1057–62

PITUITARY-ADRENAL SYSTEM

Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. Shapiro E, et al. **J Urol** 1989 Aug;142(2 Pt 2):663–6; discussion 667–8

PITUITARY APOPLEXY

Apoplexy of a pituitary adenoma after dynamic testing with gonadotropin-releasing hormone. Arafah BM, et al. **Am J Med** 1989 Jul;87(1):103–5

PITUITARY DISEASES

Mucinous cysts of the pituitary stalk. Report of two cases. Panagopoulos KP, et al. **J Neurosurg** 1989 Aug;71(2):276–8
Lymphocytic hypophysitis. Report of 3 new cases and review of the literature. Cosman F, et al. **Medicine (Baltimore)** 1989 Jul;68(4):240–56 (71 ref.)

PITUITARY GLAND

Pituitary atrophy in patients with Sheehan's syndrome. Barkan AL. **Am J Med Sci** 1989 Jul;298(1):38–40
Pituitary-containing benign cystic teratoma arising from the uterosacral ligament. Heller DS, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):802–4
Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. **Endocrinology** 1989 Jul;125(1):308–13
Pituitary immediate release pools of growth hormone and prolactin are preferentially refilled by new rather than stored hormone. Stachura ME, et al. **Endocrinology** 1989 Jul;125(1):444–9

PITUITARY GLAND, ANTERIOR

Characterization of anterior pituitary target cells for arginine vasopressin: including cells that store adrenocorticotropin, thyrotropin-beta, and both hormones. Childs GV, et al. **Endocrinology** 1989 Jul;125(1):554–9
Evidence for neuropeptide Y synthesis in the rat anterior pituitary and the influence of thyroid hormone status: comparison with vasoactive intestinal peptide, substance P, and neurotensin. Jones PM, et al. **Endocrinology** 1989 Jul;125(1):334–41
Interleukin-6 stimulates anterior pituitary hormone release in vitro. Spangelo BL, et al. **Endocrinology** 1989 Jul; 125(1):575–7
Selective suppression of follicle-stimulating hormone secretion in anterior pituitary cells by the gonadal steroid 3 alpha-hydroxy-4-pregnen-20-one. Wood PH, et al. **Endocrinology** 1989 Jul;125(1):41–8

PITUITARY GLAND, POSTERIOR

MR imaging of the posterior hypophysis in children. Gudinchet F, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):351–4

PITUITARY HORMONE RELEASING HORMONES

Apoplexy of a pituitary adenoma after dynamic testing with gonadotropin-releasing hormone. Arafah BM, et al. **Am J Med** 1989 Jul;87(1):103–5
Circulating inhibin alpha concentrations in infant, prepubertal, and adult male rhesus monkeys (Macaca mulatta) and in juvenile males during premature initiation of puberty with pulsatile gonadotropin-releasing hormone treatment. Abeyawardene SA, et al. **Endocrinology** 1989 Jul;125(1):250–6
Bilateral orchidectomy and concomitant testosterone replacement in the juvenile male rhesus monkey (Macaca mulatta) receiving an invariant intravenous gonadotropin-releasing hormone (GnRH) infusion results, as in the hypothalamus lesioned GnRH-driven adult male, in a selective hypersecretion of follicle-stimulating hormone. Abeyawardene SA, et al. **Endocrinology** 1989 Jul; 125(1):257–9
Closed intravenous administration of gonadotropin-releasing hormone: safety of extended peripheral intravenous catheterization. Hopkins CC, et al. **Obstet Gynecol** 1989 Aug;74(2):267–70

PITUITARY HORMONES

Interleukin-6 stimulates anterior pituitary hormone release in vitro. Spangelo BL, et al. **Endocrinology** 1989 Jul; 125(1):575–7

PITUITARY NEOPLASMS

Apoplexy of a pituitary adenoma after dynamic testing with gonadotropin-releasing hormone. Arafah BM, et al. **Am J Med** 1989 Jul;87(1):103–5
Pituitary gland metastasis from adenocarcinoma of the prostate. Case report. Couldwell WT, et al. **J Neurosurg** 1989 Jul;71(1):138–40 (14 ref.)
Persistent trigeminal artery and pituitary adenoma [letter] Salcman M. **J Neurosurg** 1989 Aug;71(2):301–2
Transsphenoidal pituitary surgery in the treatment of patients with Cushing's disease. Freidberg SR. **Urol Clin North Am** 1989 Aug;16(3):589–95 (51 ref.)

PITYRIASIS

Pityriasis rotunda [letter] Weiss RM. **Arch Dermatol** 1989 Jul;125(7):1002

PLACENTA

Removing a retained placenta by oxytocin—a controlled study. Wilken-Jensen C, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):155–6
Intravenous nitroglycerin for uterine relaxation in the postpartum patient with retained placenta [letter] Peng AT, et al. **Anesthesiology** 1989 Jul;71(1):172–3
Identification of proteins immunochemically related to human pregnancy-specific beta 1-glycoprotein in the rat placenta. Ogilvie S, et al. **Endocrinology** 1989 Jul; 125(1):287–94
Diagnosis of cystinosis with use of placenta [letter] Smith ML, et al. **N Engl J Med** 1989 Aug 10;321(6):397–8

PLACENTA DISEASES

Asymptomatic thrombocytopenia associated with chorioangioma of placenta. Limaye NS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):76–7

PLANT POISONING

Hepatic veno-occlusive disease and herbal teas [letter] Ridker PM. **J Pediatr** 1989 Jul;115(1):167

PLANTS, EDIBLE

Chocolate: pleasure or pain? [letter] Rakatansky H. **Am J Psychiatry** 1989 Aug;146(8):1089
Hepatic veno-occlusive disease and herbal teas [letter] Ridker PM. **J Pediatr** 1989 Jul;115(1):167

PLASMA

Gelling of urea-linked gelatin with fresh frozen plasma. Murray F, et al. **Anaesthesia** 1989 May;44(5):392–3
Successful plasma infusion treatment of a patient with C2 deficiency and systemic lupus erythematosus: clinical experience over forty-five months. Steinsson K, et al. **Arthritis Rheum** 1989 Jul;32(7):906–13

PLASMA EXCHANGE

Plasma exchange and the anticardiolipin syndrome in pregnancy [letter] Fulcher D, et al. **Lancet** 1989 Jul 15; 2(8655):171

PLASMINOGEN

A symposium: Early intervention in the treatment of acute myocardial infarction—clinical profile of Eminase (APSAC). November 12, 1988, Washington, D.C. **Am J Cardiol** 1989 Jul 5;64(2):1A–42A
Reperfusion, patency and reocclusion with anistreplase (APSAC) in acute myocardial infarction. Anderson JL. **Am J Cardiol** 1989 Jul 5;64(2):12A–17A; discussion 24A–26A (31 ref.)
Limitation of myocardial infarct size and preservation of left ventricular function by early administration of APSAC in myocardial infarction. Bassand JP, et al. **Am J Cardiol** 1989 Jul 5;64(2):18A–23A; discussion 24A–26A
Prehospital use of APSAC: results of a placebo-controlled study. Castaigne AD, et al. **Am J Cardiol** 1989 Jul 5; 64(2):30A–33A; discussion 41A–42A
Increased survival after APSAC: 30-day and 12-month mortality data from the APSAC Intervention Mortality Study. Julian DG. **Am J Cardiol** 1989 Jul 5;64(2):27A–29A; discussion 41A–42A

PLASMINOGEN ACTIVATOR, TISSUE-TYPE

Intermittent, dose-related fluctuations of pain and ST elevation during infusion of recombinant tissue plasminogen activator during acute myocardial infarction. Barbash GI, et al. **Am J Cardiol** 1989 Jul 15;64(3):225–8
Potential use of thrombolytic therapy before hospitalization. Kennedy JW, et al. **Am J Cardiol** 1989 Jul 5;64(2):8A–11A; discussion 24A–26A
Effect of combined administration of saruplase and single-chain alteplase on coronary recanalization in acute myocardial infarction. Tranchesi B Jr, et al. **Am J Cardiol** 1989 Jul 15;64(3):229–32
Stability of recombinant tissue plasminogen activator. Jaffe GJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):90–1
Tissue plasminogen activator and the corneal endothelium.

McDermott ML, et al. **Am J Ophthalmol** 1989 Jul 15; 108(1):91–2
Estrogen regulation of human breast cancer cell line MCF-7 tissue plasminogen activator. Dickerman HW, et al. **Endocrinology** 1989 Jul;125(1):492–500
Epidermal growth factor stimulates tissue plasminogen activator activity and messenger ribonucleic acid levels in cultured rat granulosa cells: mediation by pathways independent of protein kinases-A and -C. Galway AB, et al. **Endocrinology** 1989 Jul;125(1):126–35
Antecedent angina: a predictor of residual stenosis after thrombolytic therapy. Bergelson BA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):91–5
Modulation of mRNA levels for urinary- and tissue-type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. Michel JB, et al. **J Immunol** 1989 Aug 1;143(3):890–5
Informed consent in emergency research. Prehospital thrombolytic therapy for acute myocardial infarction. Grim PS, et al. **JAMA** 1989 Jul 14;262(2):252–5

PLASMINOGEN ACTIVATORS

Effect of combined administration of saruplase and single-chain alteplase on coronary recanalization in acute myocardial infarction. Tranchesi B Jr, et al. **Am J Cardiol** 1989 Jul 15;64(3):229–32
Plasminogen activator and prostaglandin E2 levels in human synovial fibroblasts. Differential stimulation by synovial activator and other cytokines. Leizer T, et al. **J Immunol** 1989 Aug 1;143(3):971–8
Modulation of mRNA levels for urinary- and tissue-type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. Michel JB, et al. **J Immunol** 1989 Aug 1;143(3):890–5

PLASMODIUM

Association of a Plasmodium-refractory phenotype with an esterase locus in Anopheles gambiae. Vernick KD, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):593–7
Cross-reacting antigens to Pc96, a protective antigen of Plasmodium chabaudi, in P. falciparum, P. vivax, and P. cynomolgi. Wanidworanun C, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):579–84

PLASMODIUM FALCIPARUM

Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. Kara U, et al. **J Immunol** 1989 Aug 15;143(4):1334–9
Cell-mediated immune responses to vaccine peptides derived from the circumsporozoite protein of Plasmodium falciparum. Russo DM, et al. **J Immunol** 1989 Jul 15; 143(2):655–9

PLASMODIUM YOELII

Dual action of anti-sporozoite antibodies in vitro. Nudelman S, et al. **J Immunol** 1989 Aug 1;143(3):996–1000

PLATELET ACTIVATING FACTOR

Evidence of PAF-acether metabolic pathway activation in antigen challenge of upper respiratory airways. Miadonna A, et al. **Am Rev Respir Dis** 1989 Jul;140(1):142–7
Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. **J Immunol** 1989 Aug 1;143(3):964–70
Mechanism of arachidonic acid liberation in platelet-activating factor-stimulated human polymorphonuclear neutrophils. Nakashima S, et al. **J Immunol** 1989 Aug 15;143(4):1295–302

PLATELET ADHESIVENESS

Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. Olson JD, et al. **J Lab Clin Med** 1989 Jul; 114(1):6–18

PLATELET AGGREGATION

Thrombin is an important mediator of platelet aggregation in stenosed canine coronary arteries with endothelial injury. Eidt JF, et al. **J Clin Invest** 1989 Jul;84(1):18–27
Fibrinogen Stony Brook, a heterozygous A alpha 16Arg——Cys dysfibrinogenemia. Evaluation of diminished platelet aggregation support and of enhanced inhibition of fibrin assembly. Galanakis DK, et al. **J Clin Invest** 1989 Jul;84(1):295–304

PLATELET-DERIVED GROWTH FACTOR

Platelet-derived growth factor enhances deoxyribonucleic acid and collagen synthesis in osteoblast-enriched cultures from fetal rat parietal bone. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):13–9
Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. Kumkumian GK, et al. **J Immunol** 1989 Aug 1;143(3):833–7

PLATELET MEMBRANE GLYCOPROTEINS

GMP-140, a platelet alpha-granule membrane protein, is also synthesized by vascular endothelial cells and is localized in Weibel-Palade bodies. McEver RP, et al. **J Clin Invest** 1989 Jul;84(1):92–9

PLEURA

Guidelines for thoracentesis and needle biopsy of the pleura. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Sokolowski JW Jr, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):257–8
Identification of antigens of Mycobacterium tuberculosis using human monoclonal antibodies. Wallis RS, et al. **J Clin Invest** 1989 Jul;84(1):214–9
Pleural block: technique for regional anesthesia during percutaneous hepatobiliary drainage. Rosenblatt M, et al. **Radiology** 1989 Jul;172(1):279–80

PLEURAL EFFUSION

Guidelines for thoracentesis and needle biopsy of the pleura. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Sokolowski JW Jr, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):257–8
Postural effect on gas exchange in patients with unilateral pleural effusions. Chang SC, et al. **Chest** 1989 Jul;96(1):60–3
Pleural fluid in Wegener's granulomatosis [letter] Gris P, et al. **Chest** 1989 Jul;96(1):224
Morphometric diagnosis of serous effusions: refinement of differences between benign and malignant cases by use of outlying values and larger sample size. Scott N, et al. **J Clin Pathol** 1989 Jun;42(6):607–12
Drainage of malignant effusions [letter] Mansi JL, et al. **Lancet** 1989 Jul 1;2(8653):43

PLEURAL NEOPLASMS

Pneumothorax in pleuropulmonary Kaposi's sarcoma related to acquired immunodeficiency syndrome. Floris C, et al. **Am J Med** 1989 Jul;87(1):123–4
Diagnosis of thoracic splenosis by tru-cut needle biopsy. Gaines JJ, et al. **Am Rev Respir Dis** 1986 Jun; 133(6):1199–201
Therapeutic approach to malignant mesothelioma. Aisner J. **Chest** 1989 Jul;96(1 Suppl):95S–97S (12 ref.)
Natural history and staging of malignant mesothelioma. Antman KH. **Chest** 1989 Jul;96(1 Suppl):93S–95S
The epidemiology and pathogenesis of malignant mesothelioma. Craighead JE. **Chest** 1989 Jul;96(1 Suppl):92S–93S (26 ref.)

PLOIDIES

Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Langkilde NC, et al. **Cancer** 1989 Aug 15;64(4):849–53

PNEUMOCONIOSIS

Longitudinal study of workers in an aluminum smelter. Chan-Yeung M, et al. **Arch Environ Health** 1989 May-Jun; 44(3):134–9
Re-examination of longitudinal studies of workers [editorial] Kilburn KH. **Arch Environ Health** 1989 May-Jun; 44(3):132–3
Respiratory disease and lung function in a tobacco industry. Kjaergaard SK, et al. **Arch Environ Health** 1989 May-Jun; 44(3):164–70
Pulmonary complications in lead miners. Masjedi MR, et al. **Chest** 1989 Jul;96(1):18–21

PNEUMOCYSTIS CARINII

Sputum induction for diagnosis of Pneumocystis carinii pneumonia. Leigh TR, et al. **Lancet** 1989 Jul 22; 2(8656):205–6

PNEUMONECTOMY

Extended operations for T3-T4 primary lung cancers. Indications and results. Dartevelle P, et al. **Chest** 1989 Jul; 96(1 Suppl):51S–53S
Limited resection in the treatment of stage I non-small cell lung cancer; an overview. Ginsberg RJ. **Chest** 1989 Jul;96(1 Suppl):50S–51S (11 ref.)
Bronchoplastic and bronchovascular procedures of the tracheobronchial tree in the management of primary lung cancer. Naruke T. **Chest** 1989 Jul;96(1 Suppl):53S–56S

PNEUMONIA

The radiographic appearances of infection and acute rejection of the lung after heart-lung transplantation. Millet B, et al. **Am Rev Respir Dis** 1989 Jul;140(1):62–7
CD4 counts as predictors of opportunistic pneumonias in human immunodeficiency virus (HIV) infection. Masur H, et al. **Ann Intern Med** 1989 Aug 1;111(3):223–31
Gold-naproxen pneumonitis. A toxic drug interaction? McFadden RG, et al. **Chest** 1989 Jul;96(1):216–8

PNEUMONIA, ASPIRATION

Acute acid aspiration lung injury in the rat: biphasic pathogenesis. Kennedy TP, et al. **Anesth Analg** 1989 Jul; 69(1):953–8
Infectious mononucleosis complicated by necrotizing epiglottitis, dysphagia, and pneumonia. Biem J, et al. **Chest** 1989 Jul;96(1):204–5
Near fatal aspiration of a candy pacifier. Ramsey KP, et al. **Pediatrics** 1989 Jul;84(1):126–7

PNEUMONIA, PNEUMOCYSTIS CARINII

Pentamidine for the prevention and treatment of P. carinii pneumonia. Molavi A. **Am Fam Physician** 1989 Jul; 40(1):195–200 (24 ref.)
Prognostic factors and life expectancy in children with acquired immunodeficiency syndrome and Pneumocystis carinii pneumonia. Bernstein LJ, et al. **Am J Dis Child** 1989 Jul;143(7):775–8
Mineralocorticoid deficiency in HIV infection [letter] Murphy CE, et al. **BMJ** 1989 Apr 29;298(6681):1181
From the Centers for Disease Control. Guidelines for prophylaxis against Pneumocystis carinii pneumonia for persons infected with human immunodeficiency virus. **JAMA** 1989 Jul 21;262(3):335–9
From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184
Sputum induction for diagnosis of Pneumocystis carinii pneumonia. Leigh TR, et al. **Lancet** 1989 Jul 22; 2(8656):205–6
Pentamidine salts [letter] Mongiardo N, et al. **Lancet** 1989 Jul 8;2(8654):108
Case 9-1989: AIDS and a cavitary pulmonary lesion [letter] **N Engl J Med** 1989 Aug 10;321(6):395
Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome: diagnosis using minilavage samples. Yoo OH, et al. **South Med J** 1989 Jul;82(7):829–32

PNEUMOPERITONEUM

Referred shoulder pain in a sexually active woman. Smally AJ. **Hosp Pract [Off]** 1989 Jul 15;24(7):62, 64

PNEUMOTHORAX

Pneumothorax in pleuropulmonary Kaposi's sarcoma related to acquired immunodeficiency syndrome. Floris C, et al. **Am J Med** 1989 Jul;87(1):123–4
Catheter aspiration for simple pneumothorax. Experience with 114 patients. Delius RE, et al. **Arch Surg** 1989 Jul; 124(7):833–6

PODOPHYLLIN

Is podophyllin safe for use in pregnancy? [letter] Sundharam JA. **Arch Dermatol** 1989 Jul;125(7):1000–1

PODOPHYLLOTOXIN

Teniposide-induced hypersensitivity reactions in children [letter] Carstensen H, et al. **Lancet** 1989 Jul 1;2(8653):55

POISON CONTROL CENTERS

Occupational illness: case detection by poison control surveillance. Blanc PD, et al. **Ann Intern Med** 1989 Aug 1;111(3):238–44

POLIOMYELITIS

A rejoinder to "Exercise Programs for Patients with Post-Polio Syndrome: a case report"—a short communication. Dean E, et al. **Phys Ther** 1989 Aug; 69(8):695–8; discussion 698–9

POLITICS

Boycotting journals [letter] **Lancet** 1989 Jul 22;2(8656):221–2
WHO and PLO [letter] Yoshida T. **Lancet** 1989 Jul 22; 2(8656):222

POLYCYCLIC HYDROCARBONS

Polycyclic aromatic hydrocarbon (PAH) residues on skin in relation to air levels among roofers. Wolff MS, et al. **Arch Environ Health** 1989 May-Jun;44(3):157–63

POLYCYTHEMIA

Polycythaemia due to hypoxaemia: advantage or disadvantage? **Lancet** 1989 Jul 1;2(8653):20–2 (224 ref.)

POLYCYTHEMIA VERA

Sequential development of polycythemia vera and chronic myelocytic leukemia in a patient following radiation exposure from nuclear weapons tests. Weinberg JB. **Am J Med** 1989 Jul;87(1):121-3

POLYMERS

Gelling of urea-linked gelatin with fresh frozen plasma. Murray F, et al. **Anaesthesia** 1989 May;44(5):392-3

Vicryl (polyglactin 910) mesh as a dural substitute in the presence of pia arachnoid injury. Nussbaum CE, et al. **J Neurosurg** 1989 Jul;71(1):124-7

Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363-5

POLYMORPHISM (GENETICS)

Characterization of the class I HLA 9.2-kb PVU II restriction fragment length polymorphism. Linkage to HLA-A and lack of disease association. Ahearn JM Jr, et al. **Arthritis Rheum** 1989 Jul;32(7):870-6

The difference between human C3F and C3S results from a single amino acid change from an asparagine to an aspartate residue at position 1216 on the alpha-chain of the complement component, C3. Poznansky MC, et al. **J Immunol** 1989 Aug 15;143(4):1254-8

Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. Santamaria P, et al. **J Immunol** 1989 Aug 1; 143(3):913-22

Polymorphisms in human H chain V region genes from the VHIII gene family. Souroujon MC, et al. **J Immunol** 1989 Jul 15;143(2):706-11

POLYNEURITIS

Treatment by pacemaker in familial amyloid polyneuropathy. Anzai N, et al. **Chest** 1989 Jul;96(1):80-4

POLYRADICULONEURITIS

Reactive arthritis in association with the Guillain-Barré-Strohl syndrome [letter] Sachdev D, et al. **Br J Rheumatol** 1989 Aug;28(4):359-60

Anti-peripheral nerve myelin antibodies in Guillain-Barre syndrome bind a neutral glycolipid of peripheral myelin and cross-react with Forssman antigen. Koski CL, et al. **J Clin Invest** 1989 Jul;84(1):280-7

POLYSACCHARIDES

Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. Fultz M, et al. **J Immunol** 1989 Jul 15;143(2):403-6

POLYTETRAFLUOROETHYLENE

Instrumented measurements of laxity in patients who have a Gore-Tex anterior cruciate-ligament substitute. Markolf KL, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):887-93

Open versus endoscopic surgery in the treatment of vesicoureteral reflux. Brown S. **J Urol** 1989 Aug;142(2 Pt 2):499-500; discussion 501

PONS

Danger of central pontine myelinolysis in hypotonic dehydration and recommendation for treatment. Oh MS, et al. **Am J Med Sci** 1989 Jul;298(1):41-3

Hypothetical explanation of selective saccadic palsy caused by pontine lesion. Kaneko CR. **Neurology** 1989 Jul; 39(7):994-5

POPLITEAL ARTERY

Percutaneous angioscopy as adjunct to laser angioplasty in peripheral arteries [letter] White GH, et al. **Lancet** 1989 Jul 8;2(8654):99

Infrapopliteal and below-knee popliteal lesions: treatment with sole laser thermal angioplasty. Work in progress. Sanborn TA, et al. **Radiology** 1989 Jul;172(1):89-93

Popliteal aneurysms. Farina C, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):7-13

POPULATION SURVEILLANCE

Occupational illness: case detection by poison control surveillance. Blanc PD, et al. **Ann Intern Med** 1989 Aug 1;111(3):238-44

PORPHYRIA

Acellular cerebrospinal fluid with elevated protein level in patients with intermittent acute porphyria [letter] Latorre G, et al. **Arch Intern Med** 1989 Jul;149(7):1695

Haem and porphyria attacks [letter] Pierach CA. **Lancet** 1989 Jul 22;2(8656):213-4

Lack of effect of pregnancy or hematin therapy on erythrocyte porphobilinogen deaminase activity in acute intermittent porphyria [letter] Sassa S, et al. **N Engl J Med** 1989 Jul 20;321(3):192-3

PORTACAVAL SHUNT, SURGICAL

Mesenteric venous hypertension: importance after portal systemic shunting? Landreneau RJ, et al. **Surgery** 1989 Jul; 106(1):11-20

PORTAL SYSTEM

Portosystemic collaterals in portal hypertension: visualization by using blood-pool SPECT imaging. Kashiwagi T, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):281-5

PORTAL VEIN

Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Nauta RJ. **Cancer** 1989 Jul 15;64(2):542-6

Case records of the Massachusetts General Hospital. Weekly clinicopathological exercises. Case 30-1989. A 52-year-old man from India with splenomegaly, esophageal varices, and recurrent gastrointestinal bleeding. **N Engl J Med** 1989 Jul 27;321(4):246-53

Thrombosis of portal vein in absence of hepatic disease. Belli L, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):46-9

PORTASYSTEMIC SHUNT, SURGICAL

Mesenteric venous hypertension: importance after portal systemic shunting? Landreneau RJ, et al. **Surgery** 1989 Jul; 106(1):11-20

PORTOGRAPHY

Hepatic tumors: comparison of CT during arterial portography, delayed CT, and MR imaging for preoperative evaluation. Nelson RC, et al. **Radiology** 1989 Jul;172(1):27-34

POSITIVE PRESSURE RESPIRATION

Hypothermia with and without end-expiratory pressure in canine oleic acid pulmonary edema. Johnston WE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):110-7

Should PEEP be used in airflow obstruction? [editorial] Marini JJ. **Am Rev Respir Dis** 1989 Jul;140(1):1-3

Detrimental effects of positive end-expiratory pressure during controlled mechanical ventilation of patients with severe airflow obstruction. Tuxen DV. **Am Rev Respir Dis** 1989 Jul;140(1):5-9

Periodic leg movements in sleep following treatment of obstructive sleep apnea with nasal continuous positive airway pressure. Fry JM, et al. **Chest** 1989 Jul;96(1):89-91

Proximal mean airway pressure: a good estimator of mean alveolar pressure during continuous positive-pressure breathing. Fuhrman BP, et al. **Crit Care Med** 1989 Jul; 17(7):666-70

POSTOPERATIVE CARE

Hypertonic saline fluid therapy following surgery: a prospective study. Cross JS, et al. **J Trauma** 1989 Jun; 29(6):817-25; discussion 825-6

Hypertonic saline for postoperative fluid therapy: salient features [editorial] Shackford SR. **J Trauma** 1989 Jun; 29(6):894

Postoperative nighttime nasal taping to decrease swelling [letter] Hoefflin SM. **Plast Reconstr Surg** 1989 Aug; 84(2):375

POSTOPERATIVE COMPLICATIONS

Diagnosis and management of postoperative junctional ectopic tachycardia [editorial] Gillette PC. **Am Heart J** 1989 Jul;118(1):192-4

Left coronary artery-to-pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Moises VA, et al. **Am Heart J** 1989 Aug;118(2):407-10

Acute abdomen and shock following a hernia repair in a 75-year-old woman [clinical conference] **Am J Med** 1989 Jul;87(1):85-90

Unusual case of postoperative adrenal hemorrhage [letter] Khardori R. **Am J Med** 1989 Jul;87(1):4

The radiographic appearances of infection and acute rejection of the lung after heart-lung transplantation. Millet B, et al. **Am Rev Respir Dis** 1989 Jul;140(1):62-7

Cardiovascular instability following bolus dose of etomidate. McGrady EM, et al. **Anaesthesia** 1989 May;44(5):404-5

Acute postoperative confusion and hallucinations in Parkinson disease. Golden WE, et al. **Ann Intern Med** 1989 Aug 1;111(3):218-22

Estimating mortality risk in preoperative patients using immunologic, nutritional, and acute-phase response variables. Christou NV, et al. **Ann Surg** 1989 Jul; 210(1):69-77

Treatment of 27 postoperative enterocutaneous fistulas with the long half-life somatostatin analogue SMS 201-995. Nubiola P, et al. **Ann Surg** 1989 Jul;210(1):56-8

Balloon dilatation of stenosed Blalock-Taussig shunts. Qureshi SA, et al. **Br Heart J** 1989 May;61(5):432-4

Low molecular weight heparins and prevention of postoperative thrombosis [letter] Bounameaux H. **Br J Surg** 1989 May;76(5):524

Use of a bioprosthesis to relieve tension in oesophageal anastomosis: an experimental study. Carachi R, et al. **Br J Surg** 1989 May;76(5):496-8

Leucine kinetics in surgical patients, I: A study of the effect of surgical 'stress'. Harrison RA, et al. **Br J Surg** 1989 May; 76(5):505-8

Prophylactic treatment of postperfusion bleeding using EACA. DelRossi AJ, et al. **Chest** 1989 Jul;96(1):27-30

Quantifying postoperative deficits of physical function following spinal surgery. Mayer TG, et al. **Clin Orthop** 1989 Jul;(244):147-57

Enteral nutrition in hypermetabolic surgical patients. Cerra FB, et al. **Crit Care Med** 1989 Jul;17(7):619-22

Management of multiple enterocutaneous fistulas. Lange MP, et al. **Heart Lung** 1989 Jul;18(4):386-90 (13 ref.)

A far-reaching interpolation. Macaulay W, et al. **Heart Lung** 1989 Jul;18(4):415-7

Balloon dilation of pulmonary venous pathway obstruction after Mustard repair for transposition of the great arteries. Cooper SG, et al. **J Am Coll Cardiol** 1989 Jul;14(1):194-8

The significance of thrombocytopenia in the development of postoperative intracranial hematoma. Chan KH, et al. **J Neurosurg** 1989 Jul;71(1):38-41

Factors influencing the stability of the sagittal split osteotomy for mandibular advancement. Will LA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):813-8

Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509-11; discussion 520-1

Sonographic evaluation and conservative management of newborns with myelomeningocele and hydronephrosis. Erickson D, et al. **J Urol** 1989 Aug;142(2 Pt 2):592-4; discussion 603-5

Salmonella infection after ileoanal anastomosis [letter] Kusunoki M, et al. **Lancet** 1989 Jul 8;2(8654):113

Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1-7

A comparative study of postoperative adhesions following laser surgery by laparoscopy versus laparotomy in the rabbit model. Luciano AA, et al. **Obstet Gynecol** 1989 Aug; 74(2):220-4

Gynecologic surgery and surgical morbidity in mentally handicapped women. McNeeley SG, et al. **Obstet Gynecol** 1989 Aug;74(2):155-8

Direct in vivo observations of embolic events in the microcirculation distal to a small-vessel anastomosis. Acland RD, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):280-8; discussion 289

Incorporation versus infection of retroperitoneal aortic grafts: MR imaging features. Auffermann W, et al. **Radiology** 1989 Aug;172(2):359-62

Pulmonary embolism after hip or knee replacement: postoperative changes on pulmonary scintigrams in asymptomatic patients. Foley M, et al. **Radiology** 1989 Aug; 172(2):481-5

Intraabdominal adhesions: intraoperative US. Suslavich FJ, et al. **Radiology** 1989 Aug;172(2):387-8

Aortoesophageal fistula: early postoperative complication at the distal anastomosis of an aortic graft. Borrero E, et al. **South Med J** 1989 Jul;82(7):927-30

Perioperative complications of adrenal surgery. Angermeier KW, et al. **Urol Clin North Am** 1989 Aug;16(3):597-606 (76 ref.)

POSTPHLEBITIC SYNDROME

Intermittent compression units for the postphlebitic syndrome. A pilot study. Ginsberg JS, et al. **Arch Intern Med** 1989 Jul;149(7):1651-2

POSTURE

Responses of left and right ventricular ejection fractions to aerobic and anaerobic phases of upright and supine exercise in normal subjects. Rodrigues EA, et al. **Am Heart J** 1989 Aug;118(2):319-24

Low intraocular pressure and postural changes in intraocular pressure in patients with Hansen's disease. Hussein N, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):80-3

Force platform measures for evaluating postural control: reliability and validity. Goldie PA, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):510-7

The prone position, scoliosis, and cot death [letter] Conner AN. **BMJ** 1989 Apr 29;298(6681):1178

Postural effect on gas exchange in patients with unilateral pleural effusions. Chang SC, et al. **Chest** 1989 Jul;96(1):60-3

Anti-sympathetic nervous system autoantibodies. Diminished catecholamines with orthostasis. Brown FM, et al. **Diabetes** 1989 Jul;38(7):938-41

Age, functional postural reflexes, and voluntary sway. Stelmach GE, et al. **J Gerontol** 1989 Jul;44(4):B100-6

Randomised, controlled trial of squatting in the second stage of labour. Gardosi J, et al. **Lancet** 1989 Jul 8;2(8654):74-7

Tilt-induced syncope [letter] Fitzpatrick AP, et al. **N Engl J Med** 1989 Aug 3;321(5):331

POTASSIUM

Stellate ganglion block with bupivacaine. Minimum effective concentration of bupivacaine and the effect of added potassium. Hardy PA. **Anaesthesia** 1989 May;44(5):398–9
Distribution of extracellular potassium and electrophysiologic changes during two-stage coronary ligation in the isolated, perfused canine heart. Coronel R, et al. **Circulation** 1989 Jul;80(1):165–77
Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Shier DN, et al. **Endocrinology** 1989 Jul;125(1):486–91
Active proton secretion and potassium absorption in the rabbit outer medullary collecting duct. Functional evidence for proton-potassium-activated adenosine triphosphatase. Wingo CS. **J Clin Invest** 1989 Jul;84(1):361–5
Potassium uptake in muscle during paramyotonic weakness. Moxley RT 3d, et al. **Neurology** 1989 Jul;39(7):952–5

PRACTICE MANAGEMENT, MEDICAL

Should a hospital rescue a failing group practice? Koska MT. **Hospitals** 1989 Jul 5;63(13):56, 58
General pediatric clinic practice management: results of a survey of academic departments. Berkelhamer JE. **Pediatrics** 1989 Jul;84(1):98–102

PRAZIQUANTEL

Persistence of hepatic fibrosis and tissue eggs following treatment of Schistosoma japonicum infected mice. Cheever AW, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):620–8

PRAZOSIN

Effectiveness of doxazosin in systemic hypertension. Ames RP, et al. **Am J Cardiol** 1989 Jul 15;64(3):203–8

PREANESTHETIC MEDICATION

Oral transmucosal fentanyl citrate (lollipop) premedication in human volunteers. Stanley TH, et al. **Anesth Analg** 1989 Jul;69(1):887–93
Oral transmucosal fentanyl citrate premedication in children. Streisand JB, et al. **Anesth Analg** 1989 Jul;69(1):894–900
Comparison of oral and intramuscular preanesthetic medication for pediatric inpatient surgery. Nicolson SC, et al. **Anesthesiology** 1989 Jul;71(1):8–10

PRECANCEROUS CONDITIONS

Flat early cancers of the large intestine. Kuramoto S, et al. **Cancer** 1989 Aug 15;64(4):950–5

PRECEPTORSHIP

The educational value of community preceptorships in surgery. Rambo WM, et al. **Acad Med** 1989 Jul;64(7):405–7
Get the most from your preceptorship program. Davis LL, et al. **Nurs Outlook** 1989 Jul–Aug;37(4):167–71

PREDICTIVE VALUE OF TESTS

Sensitivity, specificity, and predictive values in the 'sensitivity and specificity of clinical diagnostics' [letter] **JAMA** 1989 Jul 21;262(3):350–1
Individual outcome prediction models for intensive care units. Chang RW. **Lancet** 1989 Jul 15;2(8655):143–6
Objective measures. Bohannon RW. **Phys Ther** 1989 Jul; 69(7):590–3
Measuring subjective clinical outcomes. Jette AM. **Phys Ther** 1989 Jul;69(7):580–4
On defining subjective and objective measurements. Rothstein JM. **Phys Ther** 1989 Jul;69(7):577–9

PREDNISOLONE

Low dose prednisolone in nephrotic syndrome. Choonara IA, et al. **Arch Dis Child** 1989 Apr;64(4):610–1

PREDNISONE

Treatment of scleritis with combined oral prednisone and indomethacin therapy [letter] Lightman S, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):95
Immunohistochemical analysis of lymphoid and macrophage cell subsets and their immunologic activation markers in temporal arteritis. Influence of corticosteroid treatment. Cid MC, et al. **Arthritis Rheum** 1989 Jul;32(7):884–93
Prednisone in the treatment of idiopathic membranous nephropathy [letter] **N Engl J Med** 1989 Jul 27;321(4):260–2

PREGNADIENES

Danazol in treatment of angio-immunoblastic lymphadenopathy. Banavali SD, et al. **Cancer** 1989 Aug 1;64(3):613–5

PREGNANCY

Data sought to link adverse pregnancy outcome with maternal serum alpha-fetoprotein levels in black gravid women [letter] Lenke RR. **Am J Obstet Gynecol** 1989 Jul; 161(1):254–5
Increased frequency of detection of human papillomavirus deoxyribonucleic acid in exfoliated cervical cells during pregnancy. Rando RF, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):50–5
Magnesium supplementation during pregnancy: a double-blind randomized controlled clinical trial. Sibai BM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):115–9
Pregnancy and travel: the risks of hepatitis and scuba diving [letter] **JAMA** 1989 Jul 28;262(4):497–8
The relationship between weight gain and nutrition in pregnancy. Aaronson LS, et al. **Nurs Res** 1989 Jul–Aug; 38(4):223–7
Beta-endorphin levels during pregnancy and labor: a role in pain modulation? Cahill CA. **Nurs Res** 1989 Jul–Aug; 38(4):200–3
Development of maternal-fetal attachment during pregnancy. Grace JT. **Nurs Res** 1989 Jul–Aug;38(4):228–32
The effect of maternal weight gain in pregnancy on birth weight. Seidman DS, et al. **Obstet Gynecol** 1989 Aug; 74(2):240–6

PREGNANCY, ANIMAL

Effect of inhibiting prostaglandin synthesis in pregnant sheep with 4-aminoantipyrine under normothermic and hyperthermic conditions. Andrianakis P, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):241–7
Deciduomal estrogen and progesterone receptors in unilateral pregnant hamsters. Chen TJ, et al. **Endocrinology** 1989 Jul; 125(1):302–7
Fetal prolactin levels respond to a maternal melatonin implant. Serón-Ferré M, et al. **Endocrinology** 1989 Jul; 125(1):400–3

PREGNANCY COMPLICATIONS

Urine drug screening in mothers and newborns. Osterloh JD, et al. **Am J Dis Child** 1989 Jul;143(7):791–3
Role of ferritin supported in diagnosis of anemias of pregnancy [letter] Goodlin RC. **Am J Obstet Gynecol** 1989 Jul;161(1):258–9
Asymptomatic thrombocytopenia associated with chorioangioma of placenta. Limaye NS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):76–7
Assessment of obstetric risk [letter] Armetta NA. **J Fam Pract** 1989 Jul;29(1):17–8
Chorea gravidarum. A case report including magnetic resonance imaging results. Ginnetti RA, et al. **J Fam Pract** 1989 Jul;29(1):87–9
Lupus nephritis and pregnancy [editorial] **Lancet** 1989 Jul 8;2(8654):82–3
Elevated serum alpha-fetoprotein in a pregnant woman with rheumatoid arthritis [letter] Andrews LG, et al. **N Engl J Med** 1989 Jul 27;321(4):262–3
Lack of effect of pregnancy or hematin therapy on erythrocyte porphobilinogen deaminase activity in acute intermittent porphyria [letter] Sassa S, et al. **N Engl J Med** 1989 Jul 20;321(3):192–3
Acute acetaminophen overdose during pregnancy. Riggs BS, et al. **Obstet Gynecol** 1989 Aug;74(2):247–53
Disparity of amniotic fluid volume and fetal size: problem of the stuck twin—US studies. Patten RM, et al. **Radiology** 1989 Jul;172(1):153–7

PREGNANCY COMPLICATIONS, CARDIOVASCULAR

Percutaneous double balloon mitral valvuloplasty in pregnant women. Mangione JA, et al. **Am J Cardiol** 1989 Jul 1; 64(1):99–102
Classification of hypertensive disorders of pregnancy [letter] **Lancet** 1989 Jul 8;2(8654):112–3
Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. Benigni A, et al. **N Engl J Med** 1989 Aug 10;321(6):357–62
The use of aspirin to prevent pregnancy-induced hypertension and lower the ratio of thromboxane A2 to prostacyclin in relatively high risk pregnancies. Schiff E, et al. **N Engl J Med** 1989 Aug 10;321(6):351–6
Thrombectomy of acute iliofemoral venous thrombosis during pregnancy. Mogensen K, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):50–4

PREGNANCY COMPLICATIONS, HEMATOLOGIC

Plasma exchange and the anticardiolipin syndrome in pregnancy [letter] Fulcher D, et al. **Lancet** 1989 Jul 15; 2(8655):171
Long-term prognosis of pregnancies in women with intrauterine hematomas. Børlum KG, et al. **Obstet Gynecol** 1989 Aug;74(2):231–3

PREGNANCY COMPLICATIONS, INFECTIOUS

Infectious mononucleosis complicated by necrotizing epiglottitis, dysphagia, and pneumonia. Biem J, et al. **Chest** 1989 Jul;96(1):204–5
Clindamycin versus metronidazole in the treatment of bacterial vaginosis [letter] Bignardi GE. **Obstet Gynecol** 1989 Aug;74(2):281–2
Is universal screening for hepatitis B infection warranted in all prenatal populations? Christian SS, et al. **Obstet Gynecol** 1989 Aug;74(2):259–61
Seroprevalence of human immunodeficiency virus infection in a prenatal population at high risk for HIV infection. Lindsay MK, et al. **South Med J** 1989 Jul;82(7):825–8
Hepatitis B in pregnancy. Arevalo JA. **West J Med** 1989 Jun;150(6):668–74 (66 ref.)

PREGNANCY COMPLICATIONS, NEOPLASTIC

Gestational trophoblastic disease: a case-control study from the People's Republic of China. Brinton LA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):121–7
Sarcoma associated with pregnancy. Kyodo Y, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):94–6
Is podophyllin safe for use in pregnancy? [letter] Sundharam JA. **Arch Dermatol** 1989 Jul;125(7):1000–1
New perspectives in pheochromocytoma. Greene JP, et al. **Urol Clin North Am** 1989 Aug;16(3):487–503 (131 ref.)

PREGNANCY, ECTOPIC

The use of transvaginal ultrasonography in the diagnosis of ectopic pregnancy. Timor-Tritsch IE, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):157–61
Management of unruptured ectopic gestation by linear salpingostomy: a prospective, randomized clinical trial of laparoscopy versus laparotomy [letter] Watson WJ. **Obstet Gynecol** 1989 Aug;74(2):282–3

PREGNANCY IN ADOLESCENCE

Drug use among adolescent mothers: profile of risk. Amaro H, et al. **Pediatrics** 1989 Jul;84(1):144–51

PREGNANCY IN DIABETES

Pregnancy after aortofemoral bypass grafting in a diabetic patient. Bradley-Watson PJ. **Am J Obstet Gynecol** 1989 Jul;161(1):200–1
Gestational diabetes in the BHE rat: influence of dietary fat. Bue JM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):234–40
Prematurity among insulin-requiring diabetic gravid women. Greene MF, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):106–11
Screening for gestational diabetes mellitus. Use and accuracy of capillary blood glucose measured with a reflectance meter. Yoo T, et al. **J Fam Pract** 1989 Jul;29(1):41–4
Screening for gestational glucose intolerance [letter] **Lancet** 1989 Jul 15;2(8655):153–4
Maternal age and screening for gestational diabetes: a population-based study [letter] Barss V, et al. **Obstet Gynecol** 1989 Aug;74(2):286–8
Prevalence of gestational diabetes in a Navajo Indian community. Sugarman JR. **West J Med** 1989 May; 150(5):548–51

PREGNANCY, MULTIPLE

Sex ratio in singleton and multiple births after infertility treatment [letter] Murphy M, et al. **Lancet** 1989 Jul 22; 2(8656):215
Disparity of amniotic fluid volume and fetal size: problem of the stuck twin—US studies. Patten RM, et al. **Radiology** 1989 Jul;172(1):153–7

PREGNANCY OUTCOME

Data sought to link adverse pregnancy outcome with maternal serum alpha-fetoprotein levels in black gravid women [letter] Lenke RR. **Am J Obstet Gynecol** 1989 Jul; 161(1):254–5
Assessment of obstetric risk [letter] Armetta NA. **J Fam Pract** 1989 Jul;29(1):17–8
Cocaine abuse in pregnancy [letter] Goldin K. **JAMA** 1989 Aug 11;262(6):771
ACE inhibitors in pregnancy [letter] **Lancet** 1989 Jul 8; 2(8654):96–7
Psychosocial predictors of pregnancy outcomes in low-income black, Hispanic, and white women. Norbeck JS, et al. **Nurs Res** 1989 Jul–Aug;38(4):204–9

PREGNANCY, PROLONGED

Postdate fetal surveillance: is 41 weeks too early? Guidetti DA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):91–3

PREGNANCY PROTEINS

Identification of proteins immunochemically related to human pregnancy-specific beta 1-glycoprotein in the rat placenta. Ogilvie S, et al. **Endocrinology** 1989 Jul; 125(1):287–94

PREGNANCY TESTS

Correction on home pregnancy testing [letter] Lambert HH. **N Engl J Med** 1989 Jul 20;321(3):193

PREGNATRIENES

Effect of the 21-aminosteroid U-74006F on cerebral vasospasm following subarachnoid hemorrhage. Zuccarello M, et al. **J Neurosurg** 1989 Jul;71(1):98-104

PREJUDICE

Academic boycott of South Africa [letter] Nelson GS. **Lancet** 1989 Jul 1;2(8653):50

PREMEDICATION

Topical antibiotics in high-risk biliary surgical patients [letter] Minnard EA. **Am J Surg** 1989 Jul;158(1):79
Preoperative ketoconazole therapy for adrenocortical carcinoma. Sinnaeve LJ, et al. **Can Med Assoc J** 1989 Jul 15;141(2):131-3
Prophylactic treatment of postperfusion bleeding using EACA. DelRossi AJ, et al. **Chest** 1989 Jul;96(1):27-30
Perioperative antibiotic prophylaxis for transurethral resection of the prostate: is it justifiable? Houle AM, et al. **J Urol** 1989 Aug;142(2):317-9
Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Pfisterer M, et al. **Lancet** 1989 Jul 1;2(8653):1-7
A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Morton AL, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):41-5

PREMENSTRUAL SYNDROME

Late luteal phase dysphoric disorder and DSM-III-R. Spitzer RL, et al. **Am J Psychiatry** 1989 Jul;146(7):892-7
Premenstrual syndrome [letter] Holland R. **Can Med Assoc J** 1989 Jul 15;141(2):104

PRENATAL CARE

Maternal reasons for delayed prenatal care. Young C, et al. **Nurs Res** 1989 Jul-Aug;38(4):242-3

PRENATAL DIAGNOSIS

First-trimester and early second-trimester diagnosis of nuchal cystic hygroma by transvaginal sonography: diverse prognosis of the septated from the nonseptated lesion. Bronshtein M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):78-82
Enlarged cisterna magna in trisomy 18: prenatal ultrasonographic diagnosis. Thurmond AS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):83-5
Neonatal urological ultrasound: diagnostic inaccuracies and pitfalls. Clarke NW, et al. **Arch Dis Child** 1989 Apr; 64(4):578-80
Second trimester screening for trisomy 21 [letter] Osathanondh R, et al. **Lancet** 1989 Jul 1;2(8653):52
Echo-planar magnetic resonance imaging in abnormal pregnancies [letter] Stehling MK, et al. **Lancet** 1989 Jul 15;2(8655):157
Level 1, level 2, level 3 obstetric sonography: I'll see your level and raise you one [editorial] Filly RA. **Radiology** 1989 Aug;172(2):312
Detection of fetal central nervous system anomalies: a practical level of effort for a routine sonogram [see comments] Filly RA, et al. **Radiology** 1989 Aug; 172(2):403-8. **Comment in:** Radiology 1989 Aug;172(2):309-311
Effacement of the fetal cisterna magna in association with myelomeningocele [see comments] Goldstein RB, et al. **Radiology** 1989 Aug;172(2):409-13. **Comment in:** Radiology 1989 Aug;172(2):309-311
Recommendations for obstetric sonography in the evaluation of the fetal cranium [editorial; comment] Nyberg DA. **Radiology** 1989 Aug;172(2):309-11. **Comment on:. Comment on:** Radiology 1989 Aug;172(2):403-8 Radiology 1989 Aug;172(2):409-13

PRENATAL EXPOSURE DELAYED EFFECTS

Transient primary hypothyroidism in the neonate [letter] Clemens PC, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):335

PREOPERATIVE CARE

Cholecystectomy in sickle cell anemia [letter] Gerry F. **Am J Dis Child** 1989 Jul;143(7):764
Endoscopic cholangiography and stone removal prior to cholecystectomy. A more cost-effective approach than operative duct exploration? Van Stiegmann G, et al. **Arch Surg** 1989 Jul;124(7):787-9; discussion 789-90
Role of preoperative cessation of smoking and other factors in postoperative pulmonary complications: a blinded prospective study of coronary artery bypass patients. Warner MA, et al. **Mayo Clin Proc** 1989 Jun;64(6):609-16

PRESCRIPTIONS, DRUG

Drug substitution and rational therapeutics. Old problems and new challenges. Nelson EB. **Postgrad Med** 1989 Jul; 86(1):247-50

PRESSORECEPTORS

Arterial baroreflex abnormalities in heart failure: reversal after orthotopic cardiac transplantation [letter] Malliani A. **Circulation** 1989 Jul;80(1):218

PREVENTIVE MEDICINE

Prevention in the era of high-tech medicine [letter] Bokhout M. **Can Med Assoc J** 1989 Jul 15;141(2):96-7

PRILOCAINE

Topical skin anesthesia for venous, subcutaneous drug reservoir and lumbar punctures in children. Halperin DL, et al. **Pediatrics** 1989 Aug;84(2):281-4

PRIMARY HEALTH CARE

Does a residents' continuity clinic provide primary care? Wilson ME, et al. **Am J Dis Child** 1989 Jul;143(7):809-12
Health care for the homeless in a national health program. Reuler JB. **Am J Public Health** 1989 Aug;79(8):1033-5
Hepatitis B: prevention in primary care [letter] Shanmugaratnam K, et al. **BMJ** 1989 May 13; 298(6683):1313-4
Understanding the dizzy patient. A challenge to primary care physicians. Bowen JD, et al. **J Fam Pract** 1989 Jul; 29(1):30-2
Dizziness in primary care. Results from the National Ambulatory Medical Care Survey. Sloane PD. **J Fam Pract** 1989 Jul;29(1):33-8

PRIMARY NURSING CARE

Role of the nurse in the multidisciplinary team approach to care of liver transplant patients. Overman JA, et al. **Mayo Clin Proc** 1989 Jun;64(6):690-8

PRIONS

Diagnosis of Gerstmann-Sträussler syndrome in familial dementia with prion protein gene analysis. Collinge J, et al. **Lancet** 1989 Jul 1;2(8653):15-7

PRISONERS

Allegations of torture in Turkey [letter] **Lancet** 1989 Jul 22; 2(8656):220-1
HIV infection, hepatitis, and syphilis in Spanish prisons [letter] Acedo A, et al. **Lancet** 1989 Jul 22;2(8656):226

PRISONS

Suicide mortality in the Maryland state prison system, 1979 through 1987. Salive ME, et al. **JAMA** 1989 Jul 21; 262(3):365-9

PRIVATE PRACTICE

Private and public psychiatry: a comparison of two health care systems. Andrews G. **Am J Psychiatry** 1989 Jul; 146(7):881-6

PROCAINAMIDE

QRS morphology-dependent, concordant frequency distribution of single and repetitive forms of ventricular ectopic activity. Kessler KM, et al. **Am Heart J** 1989 Jul; 118(1):58-62

PROCAINE

Panic disorder following 2-chloroprocaine [letter] Ackerman WE, et al. **Am J Psychiatry** 1989 Jul;146(7):940-1
Back pain following epidurally administered Nesacaine-MPF. Fibuch EE, et al. **Anesth Analg** 1989 Jul; 69(1):979-81

PROCHLORPERAZINE

Intravenous prochlorperazine for acute headache [letter] **JAMA** 1989 Jul 28;262(4):501-2

PRODUCT LABELING

The Food and Drug Administration is requesting manufacturers of cosmetic extended-wear soft contact lenses to indicate a recommended wearing time in the product labeling [news] Villforth JC. **Arch Ophthalmol** 1989 Jul;107(7):969

PROFESSIONAL PRACTICE

Practice locations of Texas family practice residency graduates, 1979-1987. Denton DR, et al. **Acad Med** 1989 Jul;64(7):400-5
A practice profile of native American physicians. Taylor TL. **Acad Med** 1989 Jul;64(7):393-6
Clinical decision making in physical therapy: a practitioner's perspective. Magistro CM. **Phys Ther** 1989 Jul;69(7):525-34

PROFESSIONAL STAFF COMMITTEES

Institutional review boards. Levine RJ. **BMJ** 1989 May 13; 298(6683):1268-9

PROGESTATIONAL HORMONES

Effects of progestins, estrogens, and antihormones on growth and lactate dehydrogenase in the human breast cancer cell line T47D. Hissom JR, et al. **Endocrinology** 1989 Jul; 125(1):418-23
The risk of breast cancer after estrogen and estrogen-progestin replacement [see comment] Bergkvist L, et al. **N Engl J Med** 1989 Aug 3;321(5):293-7. **Comment on:** N Engl J Med 1989 Aug 3;321(5):319-20

PROGESTERONE

Progesterone antagonist lilopristone: a potent abortifacient in the common marmoset. Puri CP, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):248-53
Differential steroid production between theca interna and theca externa cells: a three-cell model for follicular steroidogenesis in avian species. Porter TE, et al. **Endocrinology** 1989 Jul;125(1):109-16
Selective suppression of follicle-stimulating hormone secretion in anterior pituitary cells by the gonadal steroid 3 alpha-hydroxy-4-pregnen-20-one. Wood PH, et al. **Endocrinology** 1989 Jul;125(1):41-8

PROLACTIN

Seasonal and mood independence of low basal prolactin secretion in premenopausal women with seasonal affective disorder. Depue RA, et al. **Am J Psychiatry** 1989 Aug; 146(8):989-95
Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Bartsch C, et al. **Cancer** 1989 Jul 15;64(2):426-33
Neuroendocrine control of thymic hormonal production. I. Prolactin stimulates in vivo and in vitro the production of thymulin by human and murine thymic epithelial cells. Dardenne M, et al. **Endocrinology** 1989 Jul;125(1):3-12
Prenatal photoperiod influences neonatal prolactin secretion in the sheep. Ebling FJ, et al. **Endocrinology** 1989 Jul; 125(1):384-91
Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342-50
Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351-6
Fetal prolactin levels respond to a maternal melatonin implant. Serón-Ferré M, et al. **Endocrinology** 1989 Jul; 125(1):400-3
Presence of calcitonin-like peptide in rat milk: possible physiological role in regulation of neonatal prolactin secretion. Shah GV, et al. **Endocrinology** 1989 Jul; 125(1):61-7
Pituitary immediate release pools of growth hormone and prolactin are preferentially refilled by new rather than stored hormone. Stachura ME, et al. **Endocrinology** 1989 Jul;125(1):444-9
Serum prolactin and aging: basal values and changes with estrogen use and hypothyroidism. Sawin CT, et al. **J Gerontol** 1989 Jul;44(4):M131-5

PROLACTIN RELEASING HORMONE

The vasopressin-associated glycopeptide is not a prolactin-releasing factor: studies with lactating Brattleboro rats. Hyde JF, et al. **Endocrinology** 1989 Jul; 125(1):35-40

PROPANOLAMINES

Nonthrombolytic intervention in acute myocardial infarction. Kirshenbaum JM. **Am J Cardiol** 1989 Jul 18;64(4):25B-28B (24 ref.)
Peri-operative management of severe thyrotoxicosis with esmolol. Vijayakumar HR, et al. **Anaesthesia** 1989 May; 44(5):406-8
Carteolol and penbutolol for hypertension. **Med Lett Drugs Ther** 1989 Jul 28;31(797):70-1

PROPIONIBACTERIUM ACNES

Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Sieck EA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1023-4

PROPIOPHENONES

Chocolate: pleasure or pain? [letter] Rakatansky H. **Am J Psychiatry** 1989 Aug;146(8):1089

PROPRANOLOL

The effect of beta-adrenergic blockade on vulnerability to ventricular fibrillation and inducibility of ventricular arrhythmia in short- and long-term feline infarction models. Luketich J, et al. **Am Heart J** 1989 Aug; 118(2):265–71

Superior efficacy of propranolol versus nifedipine in double-component angina, as related to different influences on coronary vasomotility. DeCesare N, et al. **Am J Med** 1989 Jul;87(1):15–21

Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Schmeling WT, et al. **Anesth Analg** 1989 Jul;69(1):870–80

Effect of propranolol on the first pass uptake of fentanyl in the human and rat lung. Roerig DL, et al. **Anesthesiology** 1989 Jul;71(1):62–8

Racial differences in drug response [letter] **N Engl J Med** 1989 Jul 27;321(4):257–9

PROSPECTIVE PAYMENT SYSTEM

Consensus conference on artificial airways in patients receiving mechanical ventilation. Plummer AL, et al. **Chest** 1989 Jul;96(1):178–80 (4 ref.)

Survey reveals cost, time of PPS conversion. Koska MT. **Hospitals** 1989 Jul 5;63(13):78

PROSTAGLANDIN ANTAGONISTS

Effect of inhibiting prostaglandin synthesis in pregnant sheep with 4-aminoantipyrine under normothermic and hyperthermic conditions. Andrianakis P, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):241–7

PROSTAGLANDIN D2

The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Gray PR, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):154–60

PROSTAGLANDIN SYNTHASE

The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Gray PR, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):154–60

PROSTAGLANDINS

Prostaglandins in the mediation of secretin-induced inhibition of gastric secretion and stimulation of pancreatic secretion [letter] Konturek SJ. **Gastroenterology** 1989 Aug; 97(2):554–6

Interleukin-1-induced anorexia in the rat. Influence of prostaglandins. Hellerstein MK, et al. **J Clin Invest** 1989 Jul;84(1):228–35

PROSTAGLANDINS E

The interaction of the prostaglandin E derivative rioprostil with oral anticoagulant agents. Thijssen HH, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):110–6

Prostaglandin E precursor fatty acids inhibit human IL-2 production by a prostaglandin E-independent mechanism. Santoli D, et al. **J Immunol** 1989 Aug 15;143(4):1303–9

PROSTAGLANDINS E, SYNTHETIC

Prostaglandin protection against hemorrhage-induced gastric stress ulceration in the rat. Ranta-Knuuttila T, et al. **Dig Dis Sci** 1989 Jul;34(7):1028–34

Effect of enprostil on amphibian gastroduodenal and human gastric bicarbonate secretion. Shorrock CJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1016–20

PROSTAGLANDINS X

The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Gray PR, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):154–60

An increase in prostacyclin accompanies reduction of blood pressure following peritoneal closure in patients undergoing cesarean section [letter] Matsumoto M, et al. **Anesthesiology** 1989 Jul;71(1):170

The use of aspirin to prevent pregnancy-induced hypertension and lower the ratio of thromboxane A2 to prostacyclin in relatively high risk pregnancies. Schiff E, et al. **N Engl J Med** 1989 Aug 10;321(6):351–6

PROSTATE

Calcitonin, katacalcin, and calcitonin gene-related peptide in the human prostate. An immunocytochemical and immunoelectron microscopic study. di Sant'Agnese PA, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):790–6

Identification of residual cancer in the prostate following radiation therapy: role of transrectal ultrasound guided biopsy and prostate specific antigen. Kabalin JN, et al. **J Urol** 1989 Aug;142(2):326–31

Prostatic carcinoma and benign prostatic hyperplasia: correlation of high-resolution MR and histopathologic findings. Schiebler ML, et al. **Radiology** 1989 Jul; 172(1):131–7

Prostate: MR imaging with an endorectal surface coil. Schnall MD, et al. **Radiology** 1989 Aug;172(2):570–4

PROSTATECTOMY

Perioperative antibiotic prophylaxis for transurethral resection of the prostate: is it justifiable? Houle AM, et al. **J Urol** 1989 Aug;142(2):317–9

Management of urinary incontinence after prostatectomy with the artificial urinary sphincter. Marks JL, et al. **J Urol** 1989 Aug;142(2):302–4

The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer. Meacham RB, et al. **J Urol** 1989 Aug;142(2):320–5

Combined transurethral resection of the prostate and inguinal herniorrhaphy. Hulecki SJ. **South Med J** 1989 Jul; 82(7):845–8 (15 ref.)

The dental mirror in operations of the prostate. Wise GJ. **Surg Gynecol Obstet** 1989 Jul;169(1):79–80

PROSTATIC DISEASES

Persistent Cryptococcus neoformans infection of the prostate after successful treatment of meningitis. California Collaborative Treatment Group. Larsen RA, et al. **Ann Intern Med** 1989 Jul 15;111(2):125–8

PROSTATIC HYPERTROPHY

Beta-glucuronidase activity in prostatic carcinoma and benign prostatic hyperplasia. Pearson JP, et al. **Cancer** 1989 Aug 15;64(4):911–5

Autoradiographic analysis of alpha-adrenoceptors and muscarinic cholinergic receptors in the hyperplastic human prostate. James S, et al. **J Urol** 1989 Aug;142(2):438–44

Prostatic carcinoma and benign prostatic hyperplasia: correlation of high-resolution MR and histopathologic findings. Schiebler ML, et al. **Radiology** 1989 Jul; 172(1):131–7

The dental mirror in operations of the prostate. Wise GJ. **Surg Gynecol Obstet** 1989 Jul;169(1):79–80

PROSTATIC NEOPLASMS

Beta-carotene and animal fats and their relationship to prostate cancer risk. A case-control study. Mettlin C, et al. **Cancer** 1989 Aug 1;64(3):605–12

Cohort study of diet, lifestyle, and prostate cancer in Adventist men. Mills PK, et al. **Cancer** 1989 Aug 1; 64(3):598–604

Beta-glucuronidase activity in prostatic carcinoma and benign prostatic hyperplasia. Pearson JP, et al. **Cancer** 1989 Aug 15;64(4):911–5

Prevention of prostate cancer and liver tumors in L-W rats by moderate dietary restriction. Pollard M, et al. **Cancer** 1989 Aug 1;64(3):686–90

Stimulation of human prostatic carcinoma cell growth by factors present in human bone marrow. Chackal-Roy M, et al. **J Clin Invest** 1989 Jul;84(1):43–50

Pituitary gland metastasis from adenocarcinoma of the prostate. Case report. Couldwell WT, et al. **J Neurosurg** 1989 Jul;71(1):138–40 (14 ref.)

Prognostic significance of lymph nodal metastases in prostate cancer. Gervasi LA, et al. **J Urol** 1989 Aug;142(2):332–6

Identification of residual cancer in the prostate following radiation therapy: role of transrectal ultrasound guided biopsy and prostate specific antigen. Kabalin JN, et al. **J Urol** 1989 Aug;142(2):326–31

The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer. Meacham RB, et al. **J Urol** 1989 Aug;142(2):320–5

The role of surgical management for symptomatic spinal cord compression in patients with metastatic prostate cancer. Shoskes DA, et al. **J Urol** 1989 Aug;142(2):337–9

Rationale for immunotoxin therapy of metastatic prostate carcinoma formatted as a multi-stage delivery system. Webb KS, et al. **J Urol** 1989 Aug;142(2):425–32

Flutamide for prostate cancer. **Med Lett Drugs Ther** 1989 Jul 28;31(797):72

Prostatic carcinoma and benign prostatic hyperplasia: correlation of high-resolution MR and histopathologic findings. Schiebler ML, et al. **Radiology** 1989 Jul; 172(1):131–7

Multiplanar arc boost radiation therapy for prostate cancer. Serago CF, et al. **Radiology** 1989 Aug;172(2):561–4

PROSTHESIS

Radiopaque markers on mammary implants [letter] Sullivan DC, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):428–9

Thrombosis of axillary-femoral bypass secondary to prosthesis suspension belt. Rook JL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):559–61

Esophageal perforation [letter] Wetstein L, et al. **Arch Surg** 1989 Jul;124(7):876

Small-bowel obstruction by an inflatable penile prosthesis reservoir. Luks FI, et al. **Surgery** 1989 Jul;106(1):101–4 (19 ref.)

PROTEASE INHIBITORS

Proteases and protease inhibitors in immune complex otitis media in chinchillas. Hamaguchi Y, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):563–8

Effects of trypsin inhibitor (camostate) on pancreas and CCK release in young and old female rats. Miyasaka K, et al. **J Gerontol** 1989 Jul;44(4):M136–40

PROTECTIVE DEVICES

The use of respirators in the workplace [clinical conference] Schneid JA, et al. **J Fam Pract** 1989 Jul;29(1):21–3, 27–8

PROTEIN BINDING

Capacity of intact proteins to bind to MHC class II molecules. Sette A, et al. **J Immunol** 1989 Aug 15;143(4):1265–7

PROTEIN-CALORIE MALNUTRITION

Protein-calorie malnutrition in squirrel monkeys: adaptive response to calorie deficiency. Ausman LM, et al. **Am J Clin Nutr** 1989 Jul;50(1):19–29

PROTEIN KINASE C

Protein kinase C catalyzed phosphorylation of sterol carrier protein 2. Steinschneider A, et al. **Endocrinology** 1989 Jul; 125(1):569–71

Testosterone selectively influences protein kinase-C-coupled secretion of proluteinizing hormone-releasing hormone-derived peptides. Wetsel WC, et al. **Endocrinology** 1989 Jul;125(1):538–47

PROTEIN KINASES

Protein kinase-A and the effects of parathyroid hormone on phosphate uptake in opossum kidney cells. Martin KJ, et al. **Endocrinology** 1989 Jul;125(1):295–301

PROTEIN PRECURSORS

Testosterone selectively influences protein kinase-C-coupled secretion of proluteinizing hormone-releasing hormone-derived peptides. Wetsel WC, et al. **Endocrinology** 1989 Jul;125(1):538–47

Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348–56

Membrane IL-1: IL-1 alpha precursor binds to the plasma membrane via a lectin-like interaction. Brody DT, et al. **J Immunol** 1989 Aug 15;143(4):1183–7

PROTEIN PROCESSING, POST-TRANSLATIONAL

Expression of mutant H-2d proteins encoded by class I genes which alternatively process the 5' end of their transcripts. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1026–31

Endotoxin-macrophage interaction: post-translational regulation of tumor necrosis factor expression. Zuckerman SH, et al. **J Immunol** 1989 Aug 15;143(4):1223–7

PROTEIN-TYROSINE KINASE

IL-2 regulation of tyrosine kinase activity is mediated through the p70-75 beta-subunit of the IL-2 receptor. Ferris DK, et al. **J Immunol** 1989 Aug 1;143(3):870–6

PROTEINS

Administration of structured lipid composed of MCT and fish oil reduces net protein catabolism in enterally fed burned rats. Teo TC, et al. **Ann Surg** 1989 Jul;210(1):100–7

Establishment of a cell line producing bone morphogenetic protein from a human osteosarcoma. Takaoka K, et al. **Clin Orthop** 1989 Jul;(244):258–64

Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. **Endocrinology** 1989 Jul;125(1):308–13

Estrogen and androgen regulation of protein synthesis by the immature rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):231–42

Androgen and estrogen effects on protein synthesis by the adult rabbit epididymis. Toney TW, et al. **Endocrinology** 1989 Jul;125(1):243–9

The structure of the rabbit macrophage defensin genes and their organ-specific expression. Ganz T, et al. **J Immunol** 1989 Aug 15;143(4):1358–65

PROTEOGLYCANS

Chondrocyte nonresponsiveness to insulin-like growth factor 1 in experimental arthritis. Schalkwijk J, et al. **Arthritis Rheum** 1989 Jul;32(7):894–900

PROTEOLIPIDS

Reconstitution of tubular myelin from synthetic lipids and proteins associated with pig pulmonary surfactant. Suzuki Y, et al. **Am Rev Respir Dis** 1989 Jul;140(1):75–81

PROTHROMBIN TIME

Special report: a simple system for the derivation of International Normalized Ratios for the reporting of prothrombin time results with North American thromboplastin reagents. Poller L, et al. **Am J Clin Pathol** 1989 Jul;92(1):124–6

PROTO-ONCOGENE PROTEINS, CELLULAR

Quantification of the c-myc oncoprotein in human glioblastoma cells and tumor tissue. Engelhard HH 3d, et al. **J Neurosurg** 1989 Aug;71(2):224–32

PROTO-ONCOGENES

Induction of c-fos and c-myc expression during B cell activation by IL-4 and immunoglobulin binding ligands. Klemsz MJ, et al. **J Immunol** 1989 Aug 1;143(3):1032–9

Proto-oncogene abnormalities and their relationship to tumorigenicity in some human glioblastomas. U HS, et al. **J Neurosurg** 1989 Jul;71(1):83–90

PROTONS

Active proton secretion and potassium absorption in the rabbit outer medullary collecting duct. Functional evidence for proton-potassium-activated adenosine triphosphatase. Wingo CS. **J Clin Invest** 1989 Jul;84(1):361–5

PRUNE BELLY SYNDROME

Hyperammonemic encephalopathy: a complication associated with the prune belly syndrome. Diamond DA, et al. **J Urol** 1989 Aug;142(2):361–2

PRURITUS

A reaction to midazolam: a topical solution [letter] Yates A, et al. **Anaesthesia** 1989 May;44(5):449

Pruritus and antimalarial drugs in Africans [letter] Sowunmi A, et al. **Lancet** 1989 Jul 22;2(8656):213

PSEUDOHERMAPHRODITISM

A new 1-stage procedure for clitorovaginoplasty in severely masculinized female pseudohermaphrodites. Passerini-Glazel G. **J Urol** 1989 Aug;142(2 Pt 2):565–8; discussion 572

PSEUDOMONAS

Identification of Pseudomonas pseudomallei in clinical practice: use of simple screening tests and API 20NE. Dance DA, et al. **J Clin Pathol** 1989 Jun;42(6):645–8

PSEUDOMONAS AERUGINOSA

The pulmonary clearance of smooth and rough strains of Pseudomonas aeruginosa. Martin HG, et al. **Am Rev Respir Dis** 1989 Jul;140(1):206–10

Bacterial colonization of intravenous catheter materials in vitro and in vivo. Gilsdorf JR, et al. **Surgery** 1989 Jul; 106(1):37–44

PSEUDOMONAS INFECTIONS

Pathogenesis of the pseudomonas lung lesion in cystic fibrosis. Fick RB Jr. **Chest** 1989 Jul;96(1):158–64 (39 ref.)

Pseudomonas bacteremia in a previously healthy 2-year-old boy. Ros SP. **Clin Pediatr (Phila)** 1989 Jul;28(7):336

PSEUDOTUMOR CEREBRI

Bulging fontanelles in infants without meningitis [letter] Barry W, et al. **Arch Dis Child** 1989 Apr;64(4):635–6

Transcranial Doppler study of intracranial circulatory arrest. Hassler W, et al. **J Neurosurg** 1989 Aug;71(2):195–201

PSORALENS

Abnormal melatonin response to 5-methoxypsoralen in dementia. Souêtre E, et al. **Am J Psychiatry** 1989 Aug; 146(8):1037–40

PSORIASIS

A piece of my mind. Flaky. Katz RA. **JAMA** 1989 Jul 14; 262(2):282

PSYCHIATRIC DEPARTMENT, HOSPITAL

Problems of the inpatient unit director [letter] Hoffman L. **Am J Psychiatry** 1989 Jul;146(7):950

The impatient unit director [letter] Moldawsky RJ. **Am J Psychiatry** 1989 Aug;146(8):1080–1

PSYCHIATRIC STATUS RATING SCALES

The Modified Overt Aggression Scale [letter] Knoedler DW. **Am J Psychiatry** 1989 Aug;146(8):1081–2

A correlation between the Geriatric Depression Scale long and short forms. Alden D, et al. **J Gerontol** 1989 Jul; 44(4):P124–5

A new scale for the assessment of functional status in Alzheimer's disease and related disorders. Loewenstein DA, et al. **J Gerontol** 1989 Jul;44(4):P114–21

PSYCHIATRY

Private and public psychiatry: a comparison of two health care systems. Andrews G. **Am J Psychiatry** 1989 Jul; 146(7):881–6

Statutory approaches to limiting psychiatrists' liability for their patients' violent acts. Appelbaum PS, et al. **Am J Psychiatry** 1989 Jul;146(7):821–8

The psychiatric chief residency [letter] Bemis C, et al. **Am J Psychiatry** 1989 Jul;146(7):943–4

More laws for better medicine? [editorial] Gagné P. **Am J Psychiatry** 1989 Jul;146(7):819–20

Problems of the inpatient unit director [letter] Hoffman L. **Am J Psychiatry** 1989 Jul;146(7):950

Psychiatric Genetics [letter] Jarvik L. **Am J Psychiatry** 1989 Aug;146(8):1080

Effect of a psychiatric liaison program on consultation rates and on detection of minor psychiatric disorders in cancer patients. McCartney CF, et al. **Am J Psychiatry** 1989 Jul; 146(7):898–901

Psychiatric aspects of organ transplantation. Surman OS. **Am J Psychiatry** 1989 Aug;146(8):972–82 (144 ref.)

PSYCHOANALYTIC THEORY

Sexual abuse in childhood and Freud's seduction theory [letter] Rego MD. **Am J Psychiatry** 1989 Aug; 146(8):1082–3

PSYCHOLOGICAL TESTS

Analysis of the Jalowiec Scale with cardiac patients' spouses. Wikoff RL, et al. **Nurs Res** 1989 Jul-Aug;38(4):221–2

PSYCHOMOTOR PERFORMANCE

Neurofibromatosis type 1 (Recklinghausen's disease). Neurologic and cognitive assessment with sibling controls. Eldridge R, et al. **Am J Dis Child** 1989 Jul;143(7):833–7

A study of tolerance to the psychomotor effects of indomethacin in healthy volunteers. Pullar T, et al. **Br J Rheumatol** 1989 Aug;28(4):317–9

Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Altmann P, et al. **Lancet** 1989 Jul 1;2(8653):7–12

Iron deficiency anemia: adverse effects on infant psychomotor development. Walter T, et al. **Pediatrics** 1989 Jul;84(1):7–17

PSYCHOPHYSIOLOGIC DISORDERS

Myalgic encephalomyelitis, Princess Aurora, and the wandering womb. Richmond C. **BMJ** 1989 May 13; 298(6683):1295–6

Somatic symptoms and depression. Katon W, et al. **J Fam Pract** 1989 Jul;29(1):65–9

PSYCHOTHERAPY

Psychiatric intervention after disaster [editorial] **Lancet** 1989 Jul 15;2(8655):138

PSYCHOTIC DISORDERS

Psychotic disorders in DSM-III-R. Kendler KS, et al. **Am J Psychiatry** 1989 Aug;146(8):953–62 (84 ref.)

PSYCHOTROPIC DRUGS

Prescription of psychotropics to children in office-based practice. Kelleher KJ, et al. **Am J Dis Child** 1989 Jul; 143(7):855–9

Psychoactive drug use in a general population sample, Sweden: correlates with perceived health, psychiatric diagnoses, and mortality in an automated record-linkage study. Allgulander C. **Am J Public Health** 1989 Aug; 79(8):1006–10

PUBERTY

In vivo release of luteinizing hormone releasing hormone increases with puberty in the female rhesus monkey. Watanabe G, et al. **Endocrinology** 1989 Jul;125(1):92–9

Normal or early development of puberty despite gonadal damage in children treated for acute lymphoblastic leukemia [see comment] Quigley C, et al. **N Engl J Med** 1989 Jul 20;321(3):143–51. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7

PUBERTY, PRECOCIOUS

Growth hormone deficiency impedes the rise in plasma insulin-like growth factor I levels associated with precocious puberty. Cara JF, et al. **J Pediatr** 1989 Jul; 115(1):64–8

Six-year results of luteinizing hormone releasing hormone (LHRH) agonist treatment in children with LHRH-dependent precocious puberty. Manasco PK, et al. **J Pediatr** 1989 Jul;115(1):105–8

PUBIC SYMPHYSIS

An overlapping pubic dislocation treated by closed reduction: case report and review of the literature. Robinson D, et al. **J Trauma** 1989 Jun;29(6):883–5 (6 ref.)

PUBLIC HEALTH

Private and public psychiatry: a comparison of two health care systems. Andrews G. **Am J Psychiatry** 1989 Jul; 146(7):881–6

The expression of health risk information. Berger ES, et al. **Arch Intern Med** 1989 Jul;149(7):1507–8

Weapons of mass destruction: the greatest threat to public health. Sidel VW. **JAMA** 1989 Aug 4;262(5):680–2

Cuba's health record [letter] Gordon A, et al. **Lancet** 1989 Jul 8;2(8654):106

PUBLIC POLICY

Regionalized intensive care units and Medicare: ethics, public policy, and outcome research [editorial] Rie MA. **Crit Care Med** 1989 Jul;17(7):704–5

PUBLIC RELATIONS

Satisfaction data: patient perception is reality. Koska MT. **Hospitals** 1989 Jul 5;63(13):40

PUBLISHING

Feminism in publishing [letter] **Lancet** 1989 Jul 15;2(8655):162

Boycotting journals [letter] **Lancet** 1989 Jul 22;2(8656):221–2

Retrospective and prospective identification of unpublished controlled trials: lessons from a survey of obstetricians and pediatricians. Hetherington J, et al. **Pediatrics** 1989 Aug; 84(2):374–80

PUERPERAL DISORDERS

Intravenous nitroglycerin for uterine relaxation in the postpartum patient with retained placenta [letter] Peng AT, et al. **Anesthesiology** 1989 Jul;71(1):172–3

Postpartum immunologic-mediated pulmonary edema associated with transfusion of blood containing an anti-B-lymphocyte antibody. Newman RS, et al. **West J Med** 1989 May;150(5):584–6

PUERPERAL INFECTION

Efficacy of oral antibiotics following parenteral antibiotics for serious infections in obstetrics and gynecology [letter] Goodwin TM. **Obstet Gynecol** 1989 Aug;74(2):284–5

Transcervical uterine cultures with a new endometrial suction curette: a comparison of three sampling methods in postpartum endometritis. Martens MG, et al. **Obstet Gynecol** 1989 Aug;74(2):273–6

PULMONARY ALVEOLI

Regional alveolar damage (RAD). A localized counterpart of diffuse alveolar damage. Yazdy AM, et al. **Am J Clin Pathol** 1989 Jul;92(1):10–5 (26 ref.)

Atracurium, vecuronium, and pancuronium do not alter the minimum alveolar concentration of halothane in humans. Fahey MR, et al. **Anesthesiology** 1989 Jul;71(1):53–6

Influence of the extracellular matrix on type 2 cell differentiation. Rannels DE, et al. **Chest** 1989 Jul; 96(1):165–73 (78 ref.)

Local abnormalities of coagulation and fibrinolytic pathways that promote alveolar fibrin deposition in the lungs of baboons with diffuse alveolar damage. Idell S, et al. **J Clin Invest** 1989 Jul;84(1):181–93

PULMONARY ARTERY

Evaluation of pulmonary arterial morphology in cyanotic congenital heart disease by magnetic resonance imaging. Canter CE, et al. **Am Heart J** 1989 Aug;118(2):347–54

Anomalous right coronary artery from the pulmonary artery presenting with angina and aneurysmal left ventricular dilatation. Mahdyoon H, et al. **Am Heart J** 1989 Jul; 118(1):182–4

Left coronary artery-to-pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Moises VA, et al. **Am Heart J** 1989 Aug;118(2):407–10

Estimation of pulmonary capillary pressure in intact dog lungs using the arterial occlusion technique. Hakim TS, et al. **Am Rev Respir Dis** 1989 Jul;140(1):217–24

Effect of endothelial injury on the responses of isolated

guinea pig pulmonary venules to reduced oxygen tension. Tracey WR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):68–74
Misinterpretation of lung perfusion scan [letter] Chitkara RK, et al. **Crit Care Med** 1989 Jul;17(7):713–4
The modified Fontan operation [letter] Puga FJ. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):150–1
Fontan operation in a case of single functional pulmonary artery [letter] Sade RM, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):153–4
Pulmonary embolism masquerading as pulmonary arteriovenous malformation on computerized tomography. Kollef MH, et al. **South Med J** 1989 Jul;82(7):924–6

PULMONARY CIRCULATION

Mechanisms of hypoxic pulmonary vasoconstriction. Voelkel NF. **Am Rev Respir Dis** 1986 Jun;133(6):1186–95
Low dose almitrine bismesylate improves pulmonary gas exchange during canine one-lung hypoxia. Takasaki M, et al. **Crit Care Med** 1989 Jul;17(7):661–5

PULMONARY DIFFUSING CAPACITY

Reference equations for the single-breath diffusing capacity [letter] Miller A, et al. **Am Rev Respir Dis** 1986 Jun; 133(6):1210–1

PULMONARY DISEASE (SPECIALTY)

A look from the inside [editorial] Moser KM. **Am Rev Respir Dis** 1986 Jun;133(6):1204

PULMONARY EDEMA

Re-expansion, re-oxygenation, and rethinking. Jackson RM, et al. **Am J Med Sci** 1989 Jul;298(1):44–50 (26 ref.)
Hypothermia with and without end-expiratory pressure in canine oleic acid pulmonary edema. Johnston WE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):110–7
Re-expansion pulmonary oedema [letter] Waller DA, et al. **Anaesthesia** 1989 May;44(5):446–7
Pulmonary edema in cocaine smokers. Hoffman CK, et al. **Radiology** 1989 Aug;172(2):463–5
Postpartum immunologic-mediated pulmonary edema associated with transfusion of blood containing an anti-B-lymphocyte antibody. Newman RS, et al. **West J Med** 1989 May;150(5):584–6

PULMONARY EMBOLISM

Effects of volume loading during experimental acute pulmonary embolism. Belenkie I, et al. **Circulation** 1989 Jul;80(1):178–88
A prospective double-blind trial of a low molecular weight heparin once daily compared with conventional low-dose heparin three times daily to prevent pulmonary embolism and venous thrombosis in patients with hip fracture. Monreal M, et al. **J Trauma** 1989 Jun;29(6):873–5
Rapid high dose streptokinase in severe pulmonary embolism [letter] Ozbek C, et al. **Lancet** 1989 Jul 22;2(8656):229–30
Another look at pulmonary embolism [editorial] Alderson PO. **Radiology** 1989 Aug;172(2):313–4
Pulmonary embolism after hip or knee replacement: postoperative changes on pulmonary scintigrams in asymptomatic patients. Foley M, et al. **Radiology** 1989 Aug; 172(2):481–5
Pulmonary embolism masquerading as pulmonary arteriovenous malformation on computerized tomography. Kollef MH, et al. **South Med J** 1989 Jul;82(7):924–6

PULMONARY EMPHYSEMA

Jekyll and Hyde chest radiographs. Cobby M, et al. **Br J Radiol** 1989 Jun;62(738):561–2

PULMONARY EOSINOPHILIA

Phenytoin-induced acute respiratory failure with pulmonary eosinophilia. Mahatma M, et al. **Am J Med** 1989 Jul; 87(1):93–4

PULMONARY FIBROSIS

The pathology and treatment of interstitial pneumonitis in two infants with AIDS. Kornstein MJ, et al. **Am Rev Respir Dis** 1986 Jun;133(6):1196–8
Collagen synthesis by normal and fibrotic human lung fibroblasts and the effect of transforming growth factor-beta. Raghu G, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):95–100
Emergency lung biopsy in immunocompromised pediatric patients. Foglia RP, et al. **Ann Surg** 1989 Jul;210(1):90–2
New serum indicator of interstitial pneumonitis activity. Sialylated carbohydrate antigen KL-6. Kohno N, et al. **Chest** 1989 Jul;96(1):68–73
Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Linnemann CC Jr, et al. **Chest** 1989 Jul;96(1):64–7
Differences in acoustic and dynamic characteristics of spontaneous cough in pulmonary diseases. Piirilä P, et al. **Chest** 1989 Jul;96(1):46–53
Anti-KJ: a new antibody associated with the syndrome of polymyositis and interstitial lung disease. Targoff IN, et al. **J Clin Invest** 1989 Jul;84(1):162–72

PULMONARY GAS EXCHANGE

Postural effect on gas exchange in patients with unilateral pleural effusions. Chang SC, et al. **Chest** 1989 Jul;96(1):60–3
Low dose almitrine bismesylate improves pulmonary gas exchange during canine one-lung hypoxia. Takasaki M, et al. **Crit Care Med** 1989 Jul;17(7):661–5

PULMONARY SURFACTANTS

Assessment of neurodevelopmental outcome in surfactant-replacement therapy [letter] Langkamp D. **Am J Dis Child** 1989 Jul;143(7):762–3
Reconstitution of tubular myelin from synthetic lipids and proteins associated with pig pulmonary surfactant. Suzuki Y, et al. **Am Rev Respir Dis** 1989 Jul;140(1):75–81

PULMONARY VALVE STENOSIS

Significance of infundibular obstruction following balloon valvuloplasty for valvar pulmonic stenosis. Thapar MK, et al. **Am Heart J** 1989 Jul;118(1):99–103

PULMONARY VEINS

Effect of endothelial injury on the responses of isolated guinea pig pulmonary venules to reduced oxygen tension. Tracey WR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):68–74
Pulmonary embolism masquerading as pulmonary arteriovenous malformation on computerized tomography. Kollef MH, et al. **South Med J** 1989 Jul;82(7):924–6

PULMONARY VENO-OCCLUSIVE DISEASE

Balloon dilation of pulmonary venous pathway obstruction after Mustard repair for transposition of the great arteries. Cooper SG, et al. **J Am Coll Cardiol** 1989 Jul;14(1):194–8

PULMONARY WEDGE PRESSURE

Estimation of pulmonary capillary pressure in intact dog lungs using the arterial occlusion technique. Hakim TS, et al. **Am Rev Respir Dis** 1989 Jul;140(1):217–24
Mitral valve and wedge pressure [editorial] **Lancet** 1989 Jul 15;2(8655):138–9

PUNCTURES

Topical skin anesthesia for venous, subcutaneous drug reservoir and lumbar punctures in children. Halperin DL, et al. **Pediatrics** 1989 Aug;84(2):281–4

PUPIL

The pupils of term and preterm infants. Isenberg SJ, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):75–9

PURCHASING, HOSPITAL

Financing equipment: lessors, vendors offset risk. Souhrada L. **Hospitals** 1989 Jul 5;63(13):65

PURPURA

Physeal arrest in purpura fulminans. A report of three cases. Nogi J. **J Bone Joint Surg [Am]** 1989 Jul;71(6):929–31

PURPURA, SCHOENLEIN-HENOCH

Epidemiology of a cluster of Henoch-Schönlein purpura. Farley TA, et al. **Am J Dis Child** 1989 Jul;143(7):798–803

PYELONEPHRITIS

Special virulence of the Escherichia coli O1:K1:H7 clone in acute pyelonephritis. Mårild S, et al. **J Pediatr** 1989 Jul; 115(1):40–5
Role of superoxide dismutase in the pathogenesis of pyelonephritis: immunological localization of superoxide dismutase in human renal tissues. Strand WR, et al. **J Urol** 1989 Aug;142(2 Pt 2):616–8; discussion 619

PYLORIC ANTRUM

Postprandial plasma gastrin and secretin concentrations after a pancreatoduodenectomy. A comparison between a pylorus-preserving pancreatoduodenectomy and the Whipple procedure. Takada T, et al. **Ann Surg** 1989 Jul; 210(1):47–51

PYRAZOLES

Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Stein BE, et al. **Gastroenterology** 1989 Aug;97(2):278–83

PYRIDINES

The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. Tocci MJ, et al. **J Immunol** 1989 Jul 15;143(2):718–26

PYRIDINIUM COMPOUNDS

Cetylpyridinium chloride as a fixative for glycosaminoglycans in histologic sections [letter] Scott JE. **Arch Dermatol** 1989 Jul;125(7):1002

PYRIDONES

Prevention of postischemic cardiac injury by the orally active iron chelator 1,2-dimethyl-3-hydroxy-4-pyridone (L1) and the antioxidant (+)-cyanidanol-3. van der Kraaij AM, et al. **Circulation** 1989 Jul;80(1):158–64
Animal toxicology of iron chelator L1 [letter] Porter JB, et al. **Lancet** 1989 Jul 15;2(8655):156

PYRIDOSTIGMINE BROMIDE

Progress in medical defense against nerve agents. Dunn MA, et al. **JAMA** 1989 Aug 4;262(5):649–52 (21 ref.)
Chronic intestinal pseudo-obstruction [letter] Sadjadpour K. **Mayo Clin Proc** 1989 Jun;64(6):728

PYRIDOXAL PHOSPHATE

Plasma pyridoxal 5'-phosphate concentrations in obese and nonobese black women residing near Petersburg, VA. Driskell JA, et al. **Am J Clin Nutr** 1989 Jul;50(1):37–40
Occlusive and reperfused myocardial infarcts: differentiation with Mn-DPDP—enhanced MR imaging. Saeed M, et al. **Radiology** 1989 Jul;172(1):59–64

PYRIDOXINE

Plasma pyridoxal 5'-phosphate concentrations in obese and nonobese black women residing near Petersburg, VA. Driskell JA, et al. **Am J Clin Nutr** 1989 Jul;50(1):37–40
Erythrocyte O2 transport and metabolism and effects of vitamin B6 therapy in type II diabetes mellitus. Solomon LR, et al. **Diabetes** 1989 Jul;38(7):881–6
Treatment of carpal tunnel syndrome with vitamin B6: a double-blind study. Stransky M, et al. **South Med J** 1989 Jul;82(7):841–2

PYROPHOSPHATES

A histological study of calcium pyrophosphate dihydrate crystal-deposition disease. Ishikawa K, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):875–86

PYRROLIDINES

Complete heart block following glycopyrronium/neostigmine mixture [letter] Lonsdale M, et al. **Anaesthesia** 1989 May;44(5):448–9

PYRROLIDINONES

Elimination of cotinine from body fluids: disposition in smokers and nonsmokers. Haley NJ, et al. **Am J Public Health** 1989 Aug;79(8):1046–8
Home air nicotine levels and urinary cotinine excretion in preschool children. Henderson FW, et al. **Am Rev Respir Dis** 1989 Jul;140(1):197–201

PYRROLIZIDINE ALKALOIDS

Comfrey herb tea-induced hepatic veno-occlusive disease. Bach N, et al. **Am J Med** 1989 Jul;87(1):97–9
Hepatic veno-occlusive disease and herbal teas [letter] Ridker PM. **J Pediatr** 1989 Jul;115(1):167

QUACKERY

An investigative journalist looks at medical ethics. Campbell D. **BMJ** 1989 Apr 29;298(6681):1171–2
Doctors, unethical treatments, and turning a blind eye [editorial] Smith R. **BMJ** 1989 Apr 29;298(6681):1125–6
"Quackbusting" [letter] **Can Med Assoc J** 1989 Jul 15; 141(2):98–100

QUADRIPLEGIA

Ovarian cyst and autonomic dysreflexia. Kumar VN, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):547–8
Rehabilitation of quadriplegic patients with phrenic nerve pacers. Lee MY, et al. **Arch Phys Med Rehabil** 1989 Jul; 70(7):549–52
Independent dressing after spinal cord injury: a functional time evaluation. Weingarden SI, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):518–9
Informed consent and 25% risk of paralysis. Brahams D. **Lancet** 1989 Jul 1;2(8653):57–8

QUALITY ASSURANCE, HEALTH CARE

The outcome index. A method of quality assurance in the special care area. McFee AS, et al. **Arch Surg** 1989 Jul; 124(7):825–9

QUALITY OF HEALTH CARE

In focus. Computers and the legal standard of care. Hafner AW. **Arch Ophthalmol** 1989 Jul;107(7):966
The moonlighting dilemma. Balancing education, service, and quality care while limiting risk exposure. Cohen SN, et al. **JAMA** 1989 Jul 28;262(4):529-31
Now that health care is worth something [editorial] **West J Med** 1989 Jun;150(6):687

QUALITY OF LIFE

Changes in dyspnea-fatigue ratings as indicators of quality of life in the treatment of congestive heart failure. Feinstein AR, et al. **Am J Cardiol** 1989 Jul 1;64(1):50-5
Quality of life assessment in patients with carcinoma of the lung. Feld R. **Chest** 1989 Jul;96(1 Suppl):105S-107S (11 ref.)
Problems in assessing quality of life (QL) of lung cancer patients in clinical trials. Hürny C, et al. **Chest** 1989 Jul; 96(1 Suppl):102S-105S (26 ref.)

QUESTIONNAIRES

Cognitive research improves questionnaires. Jobe JB, et al. **Am J Public Health** 1989 Aug;79(8):1053-5

QUINIDINE

The clinical implication of changing unbound quinidine levels. Kessler KM, et al. **Am Heart J** 1989 Jul;118(1):63-9
Quinidine-induced long QTU interval and torsade de pointes: role of bradycardia-dependent early afterdepolarizations. el-Sherif N, et al. **J Am Coll Cardiol** 1989 Jul;14(1):252-7

QUINOLINES

From the Food and Drug Administration. Nightingale SL. **JAMA** 1989 Jul 14;262(2):184

QUINOLIZINES

Assessment of MK-912, an alpha 2-adrenoceptor antagonist, with use of intravenous clonidine. Warren JB, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):103-9

RACIAL STOCKS

Fetal radius length: a critical evaluation of race as a factor in gestational age assessment. Hill LM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):193-9

RADIATION INJURIES

Radiation-induced intracranial malignant gliomas. Shapiro S, et al. **J Neurosurg** 1989 Jul;71(1):77-82 (31 ref.)
The controversy over radiation safety. A historical overview. Walker JS. **JAMA** 1989 Aug 4;262(5):664-8 (35 ref.)
Bone marrow transplantation after the Chernobyl nuclear accident [see comment] Baranov A, et al. **N Engl J Med** 1989 Jul 27;321(4):205-12. **Comment on:** N Engl J Med 1989 Jul 27;321(4):254-5

RADIATION PROTECTION

X-ray protection considerations for mammography screening centres. Walker A, et al. **Br J Radiol** 1989 Jun; 62(738):554-7
The controversy over radiation safety. A historical overview. Walker JS. **JAMA** 1989 Aug 4;262(5):664-8 (35 ref.)

RADIATION-SENSITIZING AGENTS

Biodistribution of indium 111-labeled dihematoporphyrin ether in papillomas and body tissues. Relevance to photodynamic therapy. Shikowitz MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):845-7

RADICULAR CYST

Ossification in the wall of a radicular cyst: report of a case. Karakasis DT, et al. **J Oral Maxillofac Surg** 1989 Aug; 47(8):853-5

RADICULITIS

Treatable causes of meningomyeloradiculitis in individuals infected with human immunodeficiency virus [letter] Lanska DJ, et al. **Arch Neurol** 1989 Jul;46(7):722-3

RADIO WAVES

Radiofrequency ablation of ventricular myocardium using active fixation and passive contact catheter delivery systems. An HL, et al. **Am Heart J** 1989 Jul;118(1):69-77

RADIOACTIVE FALLOUT

Sequential development of polycythemia vera and chronic myelocytic leukemia in a patient following radiation exposure from nuclear weapons tests. Weinberg JB. **Am J Med** 1989 Jul;87(1):121-3

RADIOACTIVE WASTE

Low-level radioactive wastes. Council on Scientific Affairs. **JAMA** 1989 Aug 4;262(5):669-74 (18 ref.)
Nuclear weapons facilities face attacks from environmentalists, government agencies [news] Merz B. **JAMA** 1989 Aug 4;262(5):604-5

RADIOGRAPHIC IMAGE ENHANCEMENT

Digital venography of the lower extremity. Lee KR, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):413-7
In vivo assessment of a digital angiographic method to measure absolute coronary artery diameters. Popma JJ, et al. **Am J Cardiol** 1989 Jul 15;64(3):131-8
Subtle gastric abnormalities in a canine model: detection with low-dose imaging with storage phosphors and its equivalence to conventional radiography. Shin JH, et al. **Radiology** 1989 Aug;172(2):399-401

RADIOGRAPHY

Unnecessary x ray examinations. Bransby-Zachary MA, et al. **BMJ** 1989 May 13;298(6683):1294
Cervical injuries--perils of the swimmer's view: case report. Davis JW. **J Trauma** 1989 Jun;29(6):891-3
Expert system-controlled image display. Swett HA, et al. **Radiology** 1989 Aug;172(2):487-93

RADIOISOTOPES

Positron emission tomography and its role in metabolic imaging. Graham MM, et al. **Mayo Clin Proc** 1989 Jun; 64(6):725-7

RADIOLOGY

Pictures for radiologic reports: use of a hand-held image scanner [letter] Yokoyama K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):427
Training in coronary angioplasty [letter] Wilde P. **BMJ** 1989 Apr 29;298(6681):1181
Radiology residency training in diagnostic sonography: recommendations of the Society of Radiologists in Ultrasound [letter] Filly RA. **Radiology** 1989 Aug; 172(2):577
University-based radiology departments: a perspective. Gamsu G. **Radiology** 1989 Jul;172(1):283-4
Measuring the quality of radiologic research [letter] Pilgram TK, et al. **Radiology** 1989 Jul;172(1):286
Patient expectations of radiology in noninteractive encounters. Smith WL, et al. **Radiology** 1989 Jul; 172(1):275-6

RADIOMETRY

Staging of carcinoma of the breast using a hand-held gamma detecting probe and monoclonal antibody B72.3. Nieroda CA, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):35-40

RADIOTHERAPY

Biological equivalence between fractionated radiotherapy treatments [letter] Mills JA, et al. **Br J Radiol** 1989 Jun; 62(738):565-6
Long-term morbidity after infradiaphragmatic radiotherapy in young men with testicular cancer. Fosså SD, et al. **Cancer** 1989 Jul 15;64(2):404-8
How should thoracic radiotherapy be given in limited small cell lung cancer? Arriagada R. **Chest** 1989 Jul;96(1 Suppl):78S-80S
Report of the IASLC Le Havre Workshop. Arriagada R, et al. **Chest** 1989 Jul;96(1 Suppl):82S-83S
Altered fractionation for non-small cell carcinoma of the lung. Rationale for the prospective trials of the Radiation Therapy Oncology Group. Cox JD, et al. **Chest** 1989 Jul; 96(1 Suppl):68S-69S (7 ref.)
Adjuvant therapy for non-small cell lung cancer. Evans WK. **Chest** 1989 Jul;96(1 Suppl):87S-91S (29 ref.)
Report on the IASLC Le Havre Workshop on combined modality treatment in small cell lung cancer. Le Chevalier T, et al. **Chest** 1989 Jul;96(1 Suppl):73S-74S
Combined modality treatment of small cell lung cancer. Salazar OM. **Chest** 1989 Jul;96(1 Suppl):74S-78S (26 ref.)
Radiotherapy in non-small cell lung cancer. An overview. Tubiana M. **Chest** 1989 Jul;96(1 Suppl):85S-87S (0 ref.)
Cervical carcinoma: treatment results and complications of extended-field irradiation. Gaspar LE, et al. **Radiology** 1989 Jul;172(1):271-4
Thyroid gland: US in patients with Hodgkin disease treated with radiation therapy in childhood. Stewart RR, et al. **Radiology** 1989 Jul;172(1):159-63

RADIOTHERAPY, HIGH ENERGY

Upper-half body irradiation for oat cell carcinoma of the bronchus. Stockdale AD, et al. **Br J Radiol** 1989 Jun; 62(738):563-4
High-LET radiation therapy of non-small cell lung cancer. Austin-Seymour M, et al. **Chest** 1989 Jul;96(1 Suppl):72S-73S (4 ref.)

RADIUS

Fetal radius length: a critical evaluation of race as a factor in gestational age assessment. Hill LM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):193-9

RADIUS FRACTURES

Open reduction and internal fixation of displaced, comminuted intra-articular fractures of the distal end of the radius. Bradway JK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):839-47

RADON

Lung cancer mortality among nonsmoking uranium miners exposed to radon daughters. Roscoe RJ, et al. **JAMA** 1989 Aug 4;262(5):629-33
Radon exposure and leukaemia [letter] Lucie NP. **Lancet** 1989 Jul 8;2(8654):99-100
Radon testing of California homes [letter] Kizer KW. **West J Med** 1989 Jun;150(6):697 -8

RANITIDINE

Effect of cimetidine and ranitidine on cardiovascular drugs. Baciewicz AM, et al. **Am Heart J** 1989 Jul;118(1):144-54 (68 ref.)
Randomized, double-blind comparison of famotidine with ranitidine in treatment of acute, benign gastric ulcer disease. Community-based study coupled with a patient registry. Brazer SR, et al. **Dig Dis Sci** 1989 Jul;34(7):1047-52
Omeprazole versus ranitidine for gastric ulcer [letter] **N Engl J Med** 1989 Jul 20;321(3):191-2

RATS

Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Hwang JJ, et al. **Endocrinology** 1989 Jul; 125(1):260-6
Protection of abdominal flaps from self-mutilation in the rat [letter] Tark KC. **Plast Reconstr Surg** 1989 Aug;84(2):376-7

RATS, INBRED STRAINS

Gestational diabetes in the BHE rat: influence of dietary fat. Bue JM, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):234-40
Differences in humoral insulin-antibody response among inbred Lou/M rats and epitope presentation differences in ELISA and radioimmune titration. Arquilla ER, et al. **Diabetes** 1989 Jul;38(7):868-73
Genetic studies in inbred BB/Wor rats. Analysis of progeny produced by crossing lymphopenic diabetes-prone rats with nonlymphopenic diabetic rats. Guberski DL, et al. **Diabetes** 1989 Jul;38(7):887-93

RATS, MUTANT STRAINS

The vasopressin-associated glycopeptide is not a prolactin-releasing factor: studies with lactating Brattleboro rats. Hyde JF, et al. **Endocrinology** 1989 Jul; 125(1):35-40

RAYNAUD'S DISEASE

Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Akesson A, et al. **Br J Rheumatol** 1989 Aug;28(4):281-6
Scleroderma and breast carcinoma [letter] Papasavvas G, et al. **Br J Rheumatol** 1989 Aug;28(4):366-7
The clinical application of forearm and hand blood flow measurements using a gamma camera. Parkin A, et al. **Surgery** 1989 Jul;106(1):26-32

REAGENT KITS, DIAGNOSTIC

Comparison of identification of Enterobacteriaceae by API 20E and Sensititre Autoidentification System. Barr JG, et al. **J Clin Pathol** 1989 Jun;42(6):649-52
Five commercial enzyme linked immunosorbent assay kits for toxoplasma specific IgM antibody. Joynson DH, et al. **J Clin Pathol** 1989 Jun;42(6):653-7

REAGENT STRIPS

Eliminating unnecessary urine microscopy. Results and performance characteristics of an algorithm based on chemical reagent strip testing. Wenz B, et al. **Am J Clin Pathol** 1989 Jul;92(1):78-81
Identification of Pseudomonas pseudomallei in clinical practice: use of simple screening tests and API 20NE. Dance DA, et al. **J Clin Pathol** 1989 Jun;42(6):645-8

RECEPTORS, ADRENERGIC, ALPHA

Dexmedetomidine produces a hypnotic-anesthetic action in rats via activation of central alpha-2 adrenoceptors. Doze VA, et al. **Anesthesiology** 1989 Jul;71(1):75-9
Autoradiographic analysis of alpha-adrenoceptors and muscarinic cholinergic receptors in the hyperplastic human

prostate. James S, et al. J Urol 1989 Aug;142(2):438–44

RECEPTORS, ANGIOTENSIN

Rat epididymis contains functional angiotensin II receptors. Grove KL, et al. Endocrinology 1989 Jul;125(1):223–30

RECEPTORS, ANTIGEN, T-CELL

CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. Kawa-Ha K, et al. J Clin Invest 1989 Jul;84(1):51–5

T cell receptor delta gene organization and expression in normal and leukemic natural killer cells. Biondi A, et al. J Immunol 1989 Aug 1;143(3):1009–14

Hydrolysis of inositol phospholipids induced by stimulation of the T cell antigen receptor complex in antigen-specific, murine helper T cell clones. Requirement for exogenous calcium. Bonvini E, et al. J Immunol 1989 Jul 15; 143(2):587–95

Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. Carroll AM, et al. J Immunol 1989 Aug 15;143(4):1087–93

Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. Cole JA, et al. J Immunol 1989 Jul 15;143(2):397–402

Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6-specific proliferative stimulus in Mlsa mice. Howe RC, et al. J Immunol 1989 Aug 1;143(3):793–7

Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. Marano N, et al. J Immunol 1989 Aug 1;143(3):931–8

Synergistic interactions of IL-1 and IL-6 in T cell activation. Mitogen but not antigen receptor-induced proliferation of a cloned T helper cell line is enhanced by exogenous IL-6. Mizutani H, et al. J Immunol 1989 Aug 1;143(3):896–901

Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T cell clones isolated in IL-4. Paliard X, et al. J Immunol 1989 Jul 15;143(2):452–7

Cloned natural suppressor cell lines express the CD3+CD4-CD8- surface phenotype and the alpha, beta heterodimer of the T cell antigen receptor. Strober S, et al. J Immunol 1989 Aug 15;143(4):1118–22

RECEPTORS, CHOLECYSTOKININ

Role of cholecystokinin in regulation of gastrointestinal motor functions. Meyer BM, et al. Lancet 1989 Jul 1; 2(8653):12–5

RECEPTORS, COMPLEMENT

Complement-mediated phagocytosis of herpes simplex virus by granulocytes. Binding or ingestion. Van Strijp JA, et al. J Clin Invest 1989 Jul;84(1):107–12

Analysis of epitope expression and the functional repertoire of recombinant complement receptor 2 (CR2/CD21) in mouse and human cells. Carel JC, et al. J Immunol 1989 Aug 1;143(3):923–30

CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. Da Silva RP, et al. J Immunol 1989 Jul 15; 143(2):617–22

Epstein-Barr virus/complement receptor and epithelial cells [letter] Niedobitek G, et al. Lancet 1989 Jul 8;2(8654):110

RECEPTORS, DOPAMINE

Dopamine blockade and clinical response: evidence for two biological subgroups of schizophrenia. Wolkin A, et al. Am J Psychiatry 1989 Jul;146(7):905–8

RECEPTORS, ENDOGENOUS SUBSTANCES

Thyrotropin modulates receptors for atrial natriuretic peptide on intact human thyroid cells. Tseng YC, et al. Am J Med Sci 1989 Jul;298(1):15–9

Sequential expression of high and low density lipoprotein receptors in differentiating fetal rat adrenocortical cells in primary culture. Kahri AI, et al. Endocrinology 1989 Jul; 125(1):68–75

Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. J Immunol 1989 Aug 1;143(3):964–70

Nerve growth factor receptor immunoreactivity in the neuronal perikarya of human sensory and sympathetic nerve ganglia. Sobue G, et al. Neurology 1989 Jul; 39(7):937–41

RECEPTORS, ESTROGEN

Electrocautery and hormone receptor status in breast biopsy. Glen PM, et al. Am J Surg 1989 Jul;158(1):6–7

DNA synthesis in estrogen receptor-positive human breast cancer takes place preferentially in estrogen receptor-negative cells. Ballare C, et al. Cancer 1989 Aug 15;64(4):842–8

Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Bartsch C, et al. Cancer 1989 Jul 15;64(2):426–33

Deciduomal estrogen and progesterone receptors in unilateral pregnant hamsters. Chen TJ, et al. Endocrinology 1989 Jul; 125(1):302–7

Down-regulation of estrogen receptors by androgens in the ZR-75-1 human breast cancer cell line. Poulin R, et al. Endocrinology 1989 Jul;125(1):392–9

Characterization of polyclonal antibodies to preselected domains of the human estrogen receptor. Traish A, et al. Endocrinology 1989 Jul;125(1):172–9

Who needs steroid receptor assays? [letter] Lancet 1989 Jul 1;2(8653):40–1

Adverse effect of tamoxifen with LHRH agonist on oestrogen-receptor-negative mammary carcinoma [letter] Szende B, et al. Lancet 1989 Jul 22;2(8656):222–3

RECEPTORS, FC

Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. Fitzgerald-Bocarsly P, et al. J Immunol 1989 Aug 15;143(4):1318–26

The Fc binding site for streptococcal protein G is in the C gamma 2-C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. J Immunol 1989 Jul 15;143(2):565–70

Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. Ueda E, et al. J Immunol 1989 Aug 15; 143(4):1274–7

Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. van de Winkel JG, et al. J Immunol 1989 Jul 15;143(2):571–8

RECEPTORS, GABA-BENZODIAZEPINE

Different gamma-aminobutyric acid receptor subtypes are involved in the regulation of opiate-dependent and independent luteinizing hormone-releasing hormone secretion. Masotto C, et al. Endocrinology 1989 Jul; 125(1):548–53

Imaging of brain tumors using peripheral benzodiazepine receptor ligands. Black KL, et al. J Neurosurg 1989 Jul; 71(1):113–8

RECEPTORS, GASTROINTESTINAL HORMONE

Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine. Korman LY, et al. Dig Dis Sci 1989 Jul;34(7):1100–8

RECEPTORS, GLUCOCORTICOID

Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. Endocrinology 1989 Jul;125(1):308–13

RECEPTORS, IMMUNOLOGIC

Quantitation of the rabbit intestinal glycolipid receptor for Shiga toxin. Further evidence for the developmental regulation of globotriaosylceramide in microvillus membranes. Mobassaleh M, et al. Gastroenterology 1989 Aug;97(2):384–91

Synthesis and expression of the fibroblast fibronectin receptor in human monocytes. Brown DL, et al. J Clin Invest 1989 Jul;84(1):366–70

Two distinct affinity binding sites for IL-1 on human cell lines. Bensimon C, et al. J Immunol 1989 Aug 15; 143(4):1168–74

Identification of a widely distributed 90-kDa glycoprotein that is homologous to the Hermes-1 human lymphocyte homing receptor. Pals ST, et al. J Immunol 1989 Aug 1; 143(3):851–7

RECEPTORS, INSULIN

Specific molecular interaction between the insulin receptor and a D product of MHC class I. Verland S, et al. J Immunol 1989 Aug 1;143(3):945–51

RECEPTORS, INTERLEUKIN 2

Interleukin-2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Müller-Quernheim J, et al. Am Rev Respir Dis 1989 Jul; 140(1):82–8

IL-1 induces high affinity IL-2 receptor expression of CD4-8- thymocytes. Falk W, et al. J Immunol 1989 Jul 15;143(2):513–7

IL-2 regulation of tyrosine kinase activity is mediated through the p70-75 beta-subunit of the IL-2 receptor. Ferris DK, et al. J Immunol 1989 Aug 1;143(3):870–6

Effects of treatment with IL-2 receptor specific monoclonal antibody in mice. Inhibition of cytotoxic T cell responses but not of T help. Leist TP, et al. J Immunol 1989 Jul 15;143(2):628–32

RECEPTORS, MUSCARINIC

Muscarinic cholinergic receptors in normal pediatric and myelodysplastic bladders. Gup DI, et al. J Urol 1989 Aug; 142(2 Pt 2):595–9; discussion 603–5

Autoradiographic analysis of alpha-adrenoceptors and muscarinic cholinergic receptors in the hyperplastic human prostate. James S, et al. J Urol 1989 Aug;142(2):438–44

RECEPTORS, NEUROHUMOR

Melatonin receptors in chick brain: characterization and localization. Rivkees SA, et al. Endocrinology 1989 Jul; 125(1):363–8

RECEPTORS, PITUITARY HORMONE

Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. Chipkin SR, et al. Endocrinology 1989 Jul;125(1):450–8

Differences in the developmental patterns of somatotrophic and lactogenic receptors in rabbit liver cytosol. Ymer SI, et al. Endocrinology 1989 Jul;125(1):516–23

Differential expression of functional adrenocorticotropic hormone receptors by subpopulations of lymphocytes. Clarke BL, et al. J Immunol 1989 Jul 15;143(2):464–9

RECEPTORS, PROGESTERONE

Electrocautery and hormone receptor status in breast biopsy. Glen PM, et al. Am J Surg 1989 Jul;158(1):6–7

Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Bartsch C, et al. Cancer 1989 Jul 15;64(2):426–33

Deciduomal estrogen and progesterone receptors in unilateral pregnant hamsters. Chen TJ, et al. Endocrinology 1989 Jul; 125(1):302–7

RECEPTORS, PROLACTIN

Differences in the developmental patterns of somatotrophic and lactogenic receptors in rabbit liver cytosol. Ymer SI, et al. Endocrinology 1989 Jul;125(1):516–23

RECEPTORS, STEROID

Epidermal growth factor increases intestinal calbindin-D9k and 1,25-dihydroxyvitamin D receptors in neonatal rats. Bruns DE, et al. Endocrinology 1989 Jul;125(1):478–85

Immunolocalization of renal mineralocorticoid receptors with an antiserum against a peptide deduced from the complementary deoxyribonucleic acid sequence. Krozowski ZS, et al. Endocrinology 1989 Jul;125(1):192–8

RECEPTORS, TRANSFERRIN

Transferrin receptor synthesis is an early event in B cell activation. Futran J, et al. J Immunol 1989 Aug 1; 143(3):787–92

RECEPTORS, VIRUS

Epstein-Barr virus/complement receptor and epithelial cells [letter] Niedobitek G, et al. Lancet 1989 Jul 8;2(8654):110

RECOMBINANT PROTEINS

Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1-28. Brakenhoff JP, et al. J Immunol 1989 Aug 15;143(4):1175–82

RECTAL FISTULA

Modification of the anterior perineal transanorectal approach for complicated prostatic urethrorectal fistula repair. Venable DD. J Urol 1989 Aug;142(2):381–4

RECTAL NEOPLASMS

Screening for colorectal cancer [letter] Am Fam Physician 1989 Jul;40(1):40, 42, 45 passim

Local recurrence after sphincter-saving resection for rectal adenocarcinoma. Warneke J, et al. Am J Surg 1989 Jul; 158(1):3–5

Adjuvant multimodality treatment of rectal cancer. Galloway DJ, et al. Br J Surg 1989 May;76(5):440–7 (74 ref.)

Endoscopic laser treatment for rectosigmoid villous adenoma: factors affecting the results. Brunetaud JM, et al. Gastroenterology 1989 Aug;97(2):272–7

RECTUM

A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Morton AL, et al. Surg Gynecol Obstet 1989 Jul;169(1):41–5

REFERRAL AND CONSULTATION

Effect of a psychiatric liaison program on consultation rates and on detection of minor psychiatric disorders in cancer patients. McCartney CF, et al. **Am J Psychiatry** 1989 Jul; 146(7):898–901
Psychiatric aspects of organ transplantation. Surman OS. **Am J Psychiatry** 1989 Aug;146(8):972–82 (144 ref.)
Conflicts of interest. Profits and problems in physician referrals. Morreim EH. **JAMA** 1989 Jul 21;262(3):390–4
The economic impact and multiplier effect of a family practice clinic on an academic medical center. Schneeweiss R, et al. **JAMA** 1989 Jul 21;262(3):370–5
Physicians' conflicts in patient referrals. Stark FH. **JAMA** 1989 Jul 21;262(3):397
Physician referral—the AMA view. Todd JS, et al. **JAMA** 1989 Jul 21;262(3):395–6
The debate over physician ownership of health care facilities. Iglehart JK. **N Engl J Med** 1989 Jul 20;321(3):198–204
Diagnosis and direct access: reactions to editorial [letter] **Phys Ther** 1989 Jul;69(7):620–1
Use of survey research methods to study clinical decision making: referral to physical therapy of children with cerebral palsy. Campbell SK, et al. **Phys Ther** 1989 Jul; 69(7):610–5

REFLEX

Atrial natriuretic peptide attenuates the reflex sympathetic responses to lower body negative pressure. Imam K, et al. **Am J Med Sci** 1989 Jul;298(1):1–7
Sensitivity of the human cough reflex: effect of inflammatory mediators prostaglandin E2, bradykinin, and histamine. Choudry NB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):137–41
Topical anesthetics: effects on the Achilles tendon and H-reflexes. I. Able-bodied subjects. Wolf SL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):531–6
Arterial baroreflex abnormalities in heart failure: reversal after orthotopic cardiac transplantation [letter] Malliani A. **Circulation** 1989 Jul;80(1):218
Volume-pressure analysis of reflex changes in forearm venous function. A method by mental arithmetic stress and radionuclide plethysmography. Robinson VJ, et al. **Circulation** 1989 Jul;80(1):99–105
Age, functional postural reflexes, and voluntary sway. Stelmach GE, et al. **J Gerontol** 1989 Jul;44(4):B100–6
Primitive reflexes [letter] **Neurology** 1989 Jul;39(7):1001–2

REFLEX, ABNORMAL

Prevalence of reflex anal dilatation [letter] **BMJ** 1989 Apr 29;298(6681):1179
CNS dysfunction in Fisher's syndrome. Pessin MS, et al. **Neurology** 1989 Jul;39(7):998–9

REFLEX, MONOSYNAPTIC

Topical anesthetics: effects on the Achilles tendon and H-reflexes. I. Able-bodied subjects. Wolf SL, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):531–6

REFLEX, VESTIBULO-OCULAR

Earth horizontal axis rotational responses in patients with unilateral peripheral vestibular deficits. Furman JM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):551–5
Effect of eyelid closure and vocalization upon the vestibulo-ocular reflex during rotational testing. Weissman BM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):548–50

REFUGEES

Health care in the United States: a course for refugee health workers [news] Meyers AR, et al. **Am J Public Health** 1989 Aug;79(8):1051–2
Scurvy and anaemia in refugees [letter] Greenham R. **Lancet** 1989 Jul 15;2(8655):170

REFUSE DISPOSAL

New medical waste law may wrongfully target hospitals. Holthaus D. **Hospitals** 1989 Jul 5;63(13):52

REGENERATION

Pharmacological responses of rabbit urinary bladder after subtotal cystectomy. Lin AT, et al. **J Urol** 1989 Aug;142(2):409–12
The effect of the route of delivery of urogastrone on intestinal regeneration. Thompson JS, et al. **Surgery** 1989 Jul; 106(1):45–51

REGIONAL MEDICAL PROGRAMS

Cost and survival results of critical care regionalization for Medicare patients. Crippen DW, et al. **Crit Care Med** 1989 Jul;17(7):601–6
Regionalized intensive care units and Medicare: ethics, public policy, and outcome research [editorial] Rie MA. **Crit Care Med** 1989 Jul;17(7):704–5

REGISTRIES

Report from the 1988 Trauma Registry Workshop, including recommendations for hospital-based trauma registries. **J Trauma** 1989 Jun;29(6):827–34
Federal influences on the development of trauma registers. Scheib BT, et al. **J Trauma** 1989 Jun;29(6):835–41

RELAXATION TECHNICS

The effects of relaxation training on clinical symptoms: a meta-analysis. Hyman RB, et al. **Nurs Res** 1989 Jul-Aug; 38(4):216–20

RELAXIN

Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Hwang JJ, et al. **Endocrinology** 1989 Jul; 125(1):260–6

RELIGION AND MEDICINE

Chronic disease among Seventh-day Adventists, a low-risk group. Rationale, methodology, and description of the population. Beeson WL, et al. **Cancer** 1989 Aug 1; 64(3):570–81
Cohort study of diet, lifestyle, and prostate cancer in Adventist men. Mills PK, et al. **Cancer** 1989 Aug 1; 64(3):598–604
Dietary habits and breast cancer incidence among Seventh-day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):582–90
Prospective study of exogenous hormone use and breast cancer in Seventh-day Adventists. Mills PK, et al. **Cancer** 1989 Aug 1;64(3):591–7
It's a miracle! Wassersug JD. **Postgrad Med** 1989 Jul; 86(1):76–7
Craniosynostosis in the Talmud. Shapiro R. **Radiology** 1989 Jul;172(1):230

RELIGION AND PSYCHOLOGY

Religiousness and psychiatric disorders [letter] Tobak M. **Am J Psychiatry** 1989 Aug;146(8):1088

RENAL ARTERY

Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Vyas S, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):168–72
Coarctation of the abdominal aorta and stenosis of the left renal artery with hypertension caused by fibrodysplasia. Vuong PN, et al. **Arch Pathol Lab Med** 1989 Jul; 113(7):809–11
Changing concepts in renovascular surgery. Bergentz SE, et al. **Br J Surg** 1989 May;76(5):429–30 (13 ref.)
Incidental fibromuscular dysplasia in potential renal donors: long-term clinical follow-up. Cragg AH, et al. **Radiology** 1989 Jul;172(1):145–7
Management of aneurysms that involve the juxtarenal or suprarenal aorta. Budden J, et al. **Surg Clin North Am** 1989 Aug;69(4):837–44 (13 ref.)
Left-sided perinephric hematoma associated with rupture of the left hemidiaphragm: a marker for renal artery injury. Peitzman AB, et al. **Surgery** 1989 Jul;106(1):33–6

RENAL ARTERY OBSTRUCTION

Changing concepts in renovascular surgery. Bergentz SE, et al. **Br J Surg** 1989 May;76(5):429–30 (13 ref.)
Repair of abdominal aortic aneurysms in patients with renal, iliac, or distal arterial occlusive disease. Schwarcz TH, et al. **Surg Clin North Am** 1989 Aug;69(4):845–57 (43 ref.)

RENAL CIRCULATION

Two-compartment, two-sample technique for accurate estimation of effective renal plasma flow: theoretical development and comparison with other methods. Lear JL, et al. **Radiology** 1989 Aug;172(2):431–6

RENAL OSTEODYSTROPHY

Intravenous calcitriol in the treatment of refractory osteitis fibrosa of chronic renal failure [see comments] Andress DL, et al. **N Engl J Med** 1989 Aug 3;321(5):274–9. **Comment in:** N Engl J Med 1989 Aug 3;321(5):317–9
Renal osteodystrophy [editorial; comment] Malluche HH, et al. **N Engl J Med** 1989 Aug 3;321(5):317–9. **Comment on:** N Engl J Med 1989 Aug 3;321(5): 274–9

RENAL VEINS

Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421–6

RENIN

Neurohumoral and hemodynamic effects of lower body negative pressure in patients with congestive heart failure. Mohanty PK, et al. **Am Heart J** 1989 Jul;118(1):78–85
Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Shier DN, et al. **Endocrinology** 1989 Jul;125(1):486–91

REPERFUSION

Re-expansion, re-oxygenation, and rethinking. Jackson RM, et al. **Am J Med Sci** 1989 Jul;298(1):44–50 (26 ref.)

REPETITION STRAIN INJURY

Overuse injuries in musicians. Bird H. **BMJ** 1989 Apr 29; 298(6681):1129–30 (21 ref.)
Stress fractures of the carpal scaphoid. A report of four cases. Hanks GA, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):938–41

REPLANTATION

Traumatic amputation of the upper limb: replantation of the arm. D'Addato M, et al. **J Trauma** 1989 Jun;29(6):876–9

REPRODUCTION

Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342–50
Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351–6

RESEARCH

Institutional review boards. Levine RJ. **BMJ** 1989 May 13; 298(6683):1268–9
Congress puts pressure on scientists to deal with difficult questions of research integrity [news] Marwick C. **JAMA** 1989 Aug 11;262(6):734–5

RESEARCH DESIGN

The normalcy of self-proclaimed "normal volunteers". Halbreich U, et al. **Am J Psychiatry** 1989 Aug; 146(8):1052–5
When does the failure to find a difference mean that there is none? Javitt JC. **Arch Ophthalmol** 1989 Jul; 107(7):1034–40
Study designs for dose-ranging. Sheiner LB, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):63–77
Corrective Shoes and Inserts as Treatment for Flexible Flatfoot in Infants and Children [letter] **J Bone Joint Surg [Am]** 1989 Jul;71(6):953–4
Single-subject experimental paradigm as a clinical decision tool. Gonnella C. **Phys Ther** 1989 Jul;69(7):601–9
Research procedure [letter] Nolan MF. **Phys Ther** 1989 Jul; 69(7):618–20
TENS study concerns [letter] Nolan MF. **Phys Ther** 1989 Jul;69(7):621–3
Making decisions based on group designs and meta-analysis. Norton BJ, et al. **Phys Ther** 1989 Jul;69(7):594–600

RESEARCH PERSONNEL

Howard Hughes Medical Institute: training the next generation of medical scientists. Choppin PW. **Acad Med** 1989 Jul;64(7):382–3

RESEARCH SUPPORT

U.S. science policy: from crisis management to long-term public good [editorial] Nagle D. **Endocrinology** 1989 Jul; 125(1):1–2
Growth of digestive diseases research funds and investigators supported by the National Institutes of Health. Kalser SC, et al. **Gastroenterology** 1989 Aug;97(2):482–7
Federal support for digestive diseases research [editorial] Trier JS. **Gastroenterology** 1989 Aug;97(2):504–5
Tobacco and the Karolinska [letter] Holm LE. **Lancet** 1989 Jul 8;2(8654):106–7

RESIDENTIAL FACILITIES

Personal and environmental determinants of activity involvement among elderly residents of congregate facilities. Lemke S, et al. **J Gerontol** 1989 Jul;44(4):S139–48

RESORCINOLS

Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363–5

RESPIRATION

Amplitude dependency of regional chest wall resistance and elastance at normal breathing frequencies. Barnas GM, et al. **Am Rev Respir Dis** 1989 Jul;140(1):25–30

Ventilation and breathing pattern during progressive hypercapnia and hypoxia after human heart-lung transplantation. Sanders MH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):38–44
Breathing during wakefulness and sleep after human heart-lung transplantation. Sanders MH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):45–51
Chest wall distortion in patients with flail chest. Tzelepis GE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):31–7
Dual-respiratory rhythms. A key to diagnosis of diaphragmatic flutter in patients with HVS. Kondo T, et al. **Chest** 1989 Jul;96(1):106–9
Exercise responses during incremental and high intensity and low intensity steady state exercise in patients with obstructive lung disease and normal control subjects. Matthews JI, et al. **Chest** 1989 Jul;96(1):11–7
The effect of breathing frequency on inspiratory muscle endurance during incremental threshold loading. Morrison NJ, et al. **Chest** 1989 Jul;96(1):85–8
Upper airway measurements during inspiration and expiration in infants. Gunn TR, et al. **Pediatrics** 1989 Jul;84(1):73–7

RESPIRATION, ARTIFICIAL

Evaluation of lung mechanics in rabbits using short duration flow pulses. Sullivan KJ, et al. **Am Rev Respir Dis** 1989 Jul;140(1):17–24
Heart synchronized ventilation during extracorporeal shock wave lithotripsy [letter] Segal E, et al. **Anesth Analg** 1989 Jul;69(1):1005
Neonatology—then and now. Assisted ventilation in the newborn (1964). Walker CH. **Arch Dis Child** 1989 Apr; 64(4):629
Isoflurane compared with midazolam for sedation in the intensive care unit. Kong KL, et al. **BMJ** 1989 May 13; 298(6683):1277–80
Diaphragmatic contraction during assisted mechanical ventilation. Flick GR, et al. **Chest** 1989 Jul;96(1):130–5
Outcome of infants with cystic fibrosis requiring mechanical ventilation for respiratory failure. Garland JS, et al. **Chest** 1989 Jul;96(1):136–8
Financial implications of prolonged ventilator care under DRGs 474 and 475. Gracey DR, et al. **Chest** 1989 Jul; 96(1):193–4
Consensus conference on artificial airways in patients receiving mechanical ventilation. Plummer AL, et al. **Chest** 1989 Jul;96(1):178–80 (4 ref.)
Additional work of breathing imposed by endotracheal tubes, breathing circuits, and intensive care ventilators. Bersten AD, et al. **Crit Care Med** 1989 Jul;17(7):671–7
Assist control versus synchronized intermittent mandatory ventilation during acute respiratory failure. Groeger JS, et al. **Crit Care Med** 1989 Jul;17(7):607–12
Prognosis of patients with cirrhosis and chronic liver disease in the medical intensive care unit [letter] Grundler WG. **Crit Care Med** 1989 Jul;17(7):710
Synchronized intermittent mandatory ventilation versus assist control: just the facts, ma'am [editorial] Kirby RR. **Crit Care Med** 1989 Jul;17(7):706–7
Effects of lung hyperinflation on mean arterial pressure and postsuctioning hypoxemia. Stone KS, et al. **Heart Lung** 1989 Jul;18(4):377–85
Pulmonary function in preterm infants whose lungs were ventilated conventionally or by high-frequency oscillation. Gerhardt T, et al. **J Pediatr** 1989 Jul;115(1):121–6
Percutaneous transtracheal catheter ventilation (PTCV) in complete airway obstruction—a canine model. Frame SB, et al. **J Trauma** 1989 Jun;29(6):774–80; discussion 780–1
Determinants of tracheobronchial histologic alterations during conventional mechanical ventilation. Wiswell TE, et al. **Pediatrics** 1989 Aug;84(2):304–11

RESPIRATORY AIRFLOW

In vitro versus in vivo comparison of endotracheal tube airflow resistance. Wright PE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):10–6
Physiologic implications of artificial airways. Habib MP. **Chest** 1989 Jul;96(1):180–4 (14 ref.)

RESPIRATORY DISTRESS SYNDROME, ADULT

Regional alveolar damage (RAD). A localized counterpart of diffuse alveolar damage. Yazdy AM, et al. **Am J Clin Pathol** 1989 Jul;92(1):10–5 (26 ref.)
In vitro versus in vivo comparison of endotracheal tube airflow resistance. Wright PE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):10–6
Randomized double-blind, multicenter study of prostaglandin E1 in patients with the adult respiratory distress syndrome. Prostaglandin E1 Study Group. Bone RC, et al. **Chest** 1989 Jul;96(1):114–9
Prostaglandin E1: not the magic bullet in ARDS [editorial] Jenkinson SG. **Chest** 1989 Jul;96(1):1–2

RESPIRATORY FUNCTION TESTS

Influence of the "squeeze jacket" on lung function in young infants [letter] Godfrey S, et al. **Am Rev Respir Dis** 1989 Jul;140(1):265–6
Indications and standards for cardiopulmonary sleep studies [letter] Sackner MA. **Am Rev Respir Dis** 1989 Jul; 140(1):264–5
Evaluation of lung mechanics in rabbits using short duration flow pulses. Sullivan KJ, et al. **Am Rev Respir Dis** 1989 Jul;140(1):17–24
The effect of breathing frequency on inspiratory muscle endurance during incremental threshold loading. Morrison NJ, et al. **Chest** 1989 Jul;96(1):85–8
Pulmonary function testing: sources of error in measurement and interpretation. Crapo RO, et al. **South Med J** 1989 Jul;82(7):875–9 (27 ref.)

RESPIRATORY HYPERSENSITIVITY

The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Gray PR, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):154–60
The role of allergy and nonspecific airway hyperresponsiveness in the pathogenesis of chronic obstructive pulmonary disease. O'Connor GT, et al. **Am Rev Respir Dis** 1989 Jul;140(1):225–52 (227 ref.)
Familial background of respiratory atopy. A factor of type I allergy to house dust mite in patients with atopic dermatitis. Uehara M, et al. **Arch Dermatol** 1989 Jul; 125(7):939–43

RESPIRATORY INSUFFICIENCY

Phenytoin-induced acute respiratory failure with pulmonary eosinophilia. Mahatma M, et al. **Am J Med** 1989 Jul; 87(1):93–4
Outcome of infants with cystic fibrosis requiring mechanical ventilation for respiratory failure. Garland JS, et al. **Chest** 1989 Jul;96(1):136–8
Assist control versus synchronized intermittent mandatory ventilation during acute respiratory failure. Groeger JS, et al. **Crit Care Med** 1989 Jul;17(7):607–12
Pulmonary function in preterm infants whose lungs were ventilated conventionally or by high-frequency oscillation. Gerhardt T, et al. **J Pediatr** 1989 Jul;115(1):121–6

RESPIRATORY MUSCLES

Chest wall distortion in patients with flail chest. Tzelepis GE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):31–7
Targeted inspiratory muscle training improves respiratory muscle function and reduces dyspnea in patients with chronic obstructive pulmonary disease. Harver A, et al. **Ann Intern Med** 1989 Jul 15;111(2):117–24
The effect of breathing frequency on inspiratory muscle endurance during incremental threshold loading. Morrison NJ, et al. **Chest** 1989 Jul;96(1):85–8

RESPIRATORY SYSTEM

Orientation of respiratory tract cilia in patients with primary ciliary dyskinesia, bronchiectasis, and in normal subjects. De Iongh R, et al. **J Clin Pathol** 1989 Jun;42(6):613–9
Upper airway measurements during inspiration and expiration in infants. Gunn TR, et al. **Pediatrics** 1989 Jul;84(1):73–7

RESPIRATORY TRACT DISEASES

Evaluation of impairment/disability secondary to respiratory disorders. American Thoracic Society. **Am Rev Respir Dis** 1986 Jun;133(6):1205–9 **(Eng, Eng)**
XVI World Congress on Diseases of the Chest. 55th annual scientific assembly of the American College of Chest Physicians. October 30–November 3, 1989, Boston. **Chest** 1989 Aug;96(2 Suppl):109S–300S

RESPIRATORY TRACT INFECTIONS

Pathogenesis of the pseudomonas lung lesion in cystic fibrosis. Fick RB Jr. **Chest** 1989 Jul;96(1):158–64 (39 ref.)

RESTLESS LEGS

Periodic leg movements in sleep following treatment of obstructive sleep apnea with nasal continuous positive airway pressure. Fry JM, et al. **Chest** 1989 Jul;96(1):89–91

RESUSCITATION

Pre-arrest morbidity and other correlates of survival after in-hospital cardiopulmonary arrest. George AL Jr, et al. **Am J Med** 1989 Jul;87(1):28–34
Hypertonic saline-dextran resuscitation of acute canine bile-induced pancreatitis. Horton JW, et al. **Am J Surg** 1989 Jul;158(1):48–56
Controversial issues in cardiopulmonary resuscitation. Schleien CL, et al. **Anesthesiology** 1989 Jul;71(1):133–49 (116 ref.)
Outcomes of cardiopulmonary resuscitation in the elderly. Murphy DJ, et al. **Ann Intern Med** 1989 Aug 1; 111(3):199–205
Resuscitation in the elderly: a blessing or a curse? Podrid PJ. **Ann Intern Med** 1989 Aug 1;111(3):193–5
Successful treatment after 'drowning' in sand. Avital A, et al. **Arch Dis Child** 1989 Apr;64(4):615–6
Prognostic significance of early clinical manifestations in postanoxic coma: a retrospective study of 58 patients resuscitated after prehospital cardiac arrest. Bertini G, et al. **Crit Care Med** 1989 Jul;17(7):627–33
External chest compression in acute asthma: a preliminary study. Fisher MM, et al. **Crit Care Med** 1989 Jul;17(7):686–7
Factors affecting rapid fluid resuscitation with large-bore introducer catheters. Dutky PA, et al. **J Trauma** 1989 Jun; 29(6):856–60
Direct transport to the operating room for resuscitation of trauma patients. Rhodes M, et al. **J Trauma** 1989 Jul; 29(7):907–13; discussion 913–5
Pseudallescheria boydii brain abscess: association with near-drowning and efficacy of high-dose, prolonged miconazole therapy in patients with multiple abscesses. Dworzack DL, et al. **Medicine (Baltimore)** 1989 Jul; 68(4):218–24
Understanding of elderly patients' resuscitation preferences by physicians and nurses. Uhlmann RF, et al. **West J Med** 1989 Jun;150(6):705–7

RETICULOCYTES

An automated optoelectronic reticulocyte counter. Kojima K, et al. **Am J Clin Pathol** 1989 Jul;92(1):57–61

RETINA

Intravitreal antibiotic therapy with vancomycin and aminoglycoside. An experimental study of combination and repetitive injections. Oum BS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1055–60
Intraocular neovascularization and retinal energy metabolism [letter] Wilson DJ. **Arch Ophthalmol** 1989 Jul;107(7):953–4
In vivo evaluation of a noninvasive method to measure the retinal thickness in primates. Zeimer RC, et al. **Arch Ophthalmol** 1989 Jul;107(7):1006–9

RETINAL ARTERY

Anterior location of the crossing artery in branch retinal vein obstruction. Duker JS, et al. **Arch Ophthalmol** 1989 Jul; 107(7):998–1000

RETINAL DETACHMENT

Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Blankenship GW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):1–5
Vitrectomy for complicated retinal detachments secondary to branch retinal vein occlusions. Russell SR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):6–9
Macular changes after retinal detachment surgery. Sabates NR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):22–9
Surgical management of retinal traction caused by toxocariasis. Small KW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):10–4
Rhegmatogenous retinal detachment following cryotherapy in retinopathy of prematurity. Greven CM, et al. **Arch Ophthalmol** 1989 Jul;107(7):1017–8
Augmentation of local anesthesia during retinal detachment surgery. Mein CE, et al. **Arch Ophthalmol** 1989 Jul; 107(7):1084

RETINAL DISEASES

Surgical management of retinal traction caused by toxocariasis. Small KW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):10–4
Results of silicone oil removal in advanced proliferative vitreoretinopathy. Zilis JD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):15–21
Axial myopia increases the risk of retinal complications after neodymium-YAG laser posterior capsulotomy. Koch DD, et al. **Arch Ophthalmol** 1989 Jul;107(7):986–90
An illuminated cannula for viscodelamination. Ryan EH Jr. **Arch Ophthalmol** 1989 Jul;107(7):1085
Illuminated retinal picks for vitreous surgery. Williams GA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1086

RETINAL PERFORATIONS

Surgical management of retinal traction caused by toxocariasis. Small KW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):10–4
Rhegmatogenous retinal detachment following cryotherapy in retinopathy of prematurity. Greven CM, et al. **Arch Ophthalmol** 1989 Jul;107(7):1017–8

RETINAL PIGMENTS

Rod cell-specific antigens in retinoblastoma. Vrabec T, et al. **Arch Ophthalmol** 1989 Jul;107(7):1061–3

RETINAL VEIN OCCLUSION

Vitrectomy for complicated retinal detachments secondary to branch retinal vein occlusions. Russell SR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):6–9
Central retinal vein obstruction with lipid exudate. Brown GC. **Arch Ophthalmol** 1989 Jul;107(7):1001–5
Anterior location of the crossing artery in branch retinal vein obstruction. Duker JS, et al. **Arch Ophthalmol** 1989 Jul; 107(7):998–1000

RETINAL VESSELS

Bilateral subretinal neovascularization after focal argon laser photocoagulation for diabetic macular edema. Berger AR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):88–90

RETINITIS

Varicella-zoster retinitis in human immunodeficiency virus infection. Case report. Chambers RB, et al. **Arch Ophthalmol** 1989 Jul;107(7):960–1

RETINOBLASTOMA

Identification and significance of multinucleate tumor cells in retinoblastoma. Howard MA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1025–30

Rod cell-specific antigens in retinoblastoma. Vrabec T, et al. **Arch Ophthalmol** 1989 Jul;107(7):1061–3

RETINOPATHY OF PREMATURITY

Rhegmatogenous retinal detachment following cryotherapy in retinopathy of prematurity. Greven CM, et al. **Arch Ophthalmol** 1989 Jul;107(7):1017–8

Retinopathy of prematurity and bilirubin [letter] Boynton BR, et al. **N Engl J Med** 1989 Jul 20;321(3):193–4

RETIREMENT

Faculty renewal: modeling the impact of the end of mandatory retirement in the University of California medical schools. Friedman PJ. **Acad Med** 1989 Jul; 64(7):372–7

RETRACTION OF PUBLICATION

Retraction [retraction of Stahl SM, Thiemann S, Faull KF, Barchas JD, Berger PA. In: Arch Gen Psychiatry 1986 Feb; 43(2):161–4] Stahl SM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):758

RETROPERITONEAL FIBROSIS

Retroperitoneal fibrosis in a patient with macroprolactinoma treated with bromocriptine. Herzog A, et al. **BMJ** 1989 May 13;298(6683):1315

Malignant versus nonmalignant retroperitoneal fibrosis: differentiation with MR imaging. Arrivé L, et al. **Radiology** 1989 Jul;172(1):139–43

RETROPERITONEAL NEOPLASMS

Intra-abdominal lymphangioma. Roisman I, et al. **Br J Surg** 1989 May;76(5):485–9 (65 ref.)

Mature teratoma of the retroperitoneum: radiologic, pathologic, and clinical correlation. Davidson AJ, et al. **Radiology** 1989 Aug;172(2):421–5

RETROVIRIDAE

Retroviruses and oncogenes. Dalgleish AG. **Br J Rheumatol** 1989 Aug;28(4):350–7 (36 ref.)

RETROVIRIDAE PROTEINS

Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Linnemann CC Jr, et al. **Chest** 1989 Jul;96(1):64–7

Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. Lederman S, et al. **J Immunol** 1989 Aug 15;143(4):1149–54

RETROVIRUS INFECTIONS

Functional and phenotypic alterations in T cell subsets during the course of MAIDS, a murine retrovirus-induced immunodeficiency syndrome. Morse HC 3d, et al. **J Immunol** 1989 Aug 1;143(3):844–50

RH ISOIMMUNIZATION

Does midtrimester delta OD450 of amniotic fluid reflect severity of Rh disease? Ananth U, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):47–9

RHABDOMYOLYSIS

Fatal rhabdomyolysis following influenza infection in a girl with familial carnitine palmityl transferase deficiency. Kelly KJ, et al. **Pediatrics** 1989 Aug;84(2):312–6

RHABDOMYOSARCOMA

Alveolar rhabdomyosarcoma metastatic to the ovary. A report of two cases and a discussion of the differential diagnosis of small cell malignant tumors of the ovary. Young RH, et al. **Cancer** 1989 Aug 15;64(4):899–904

Mortality in pediatric paratesticular rhabdomyosarcoma: a multivariate analysis. LaQuaglia MP, et al. **J Urol** 1989 Aug;142(2 Pt 2):473–8; discussion 489

Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358–60

RHEUMATIC FEVER

Evidence of inherited susceptibility of increased streptococcal adherence to pharyngeal cells of children with rheumatic fever. Hafez M, et al. **Br J Rheumatol** 1989 Aug;28(4):304–9

Acute rheumatic fever with advanced degree AV block. Reddy DV, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):326–8

Prophylaxis in patients with rheumatic fever: every three or every four weeks? Ayoub EM. **J Pediatr** 1989 Jul; 115(1):89–91

Pharmacokinetics of benzathine penicillin G: serum levels during the 28 days after intramuscular injection of 1,200,000 units. Kaplan EL, et al. **J Pediatr** 1989 Jul;115(1):146–50

RHEUMATIC HEART DISEASE

Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Bansal RC, et al. **Am J Cardiol** 1989 Jul 15;64(3):243–6

Left ventricular intrinsic contractility in pure rheumatic mitral stenosis. Mohan JC, et al. **Am J Cardiol** 1989 Jul 15;64(3):240–2

RHEUMATISM

Rheumatologic manifestations of infection with human immunodeficiency virus (HIV). Kaye BR. **Ann Intern Med** 1989 Jul 15;111(2):158–67 (128 ref.)

Rheumatology patients and hospital secretaries [letter] Briggs S. **Br J Rheumatol** 1989 Aug;28(4):365

Patient understanding of the causes and medical treatment of rheumatic diseases in Spain [letter] Ruiz MT, et al. **Br J Rheumatol** 1989 Aug;28(4):365–6

Arthrographic findings in the temporomandibular joint in patients with rheumatic disease. Larheim TA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):780–4

RHEUMATOID FACTOR

Quantitative detection of class-specific rheumatoid factors using mouse monoclonal antibodies and the biotin/streptavidin enhancement system. Otten HG, et al. **Br J Rheumatol** 1989 Aug;28(4):310–6

The Fc binding site for streptococcal protein G is in the C gamma 2–C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. **J Immunol** 1989 Jul 15;143(2):565–70

RHEUMATOLOGY

What are the primary goals of the American College of Rheumatology? [letter] Plotz CM. **Arthritis Rheum** 1989 Jul;32(7):936

Rheumatology education in primary care practice [letter] Hynes DM. **Br J Rheumatol** 1989 Aug;28(4):362–3

Incidence and severity of rheumatoid arthritis—the view from Australia [letter] Laurent R, et al. **Br J Rheumatol** 1989 Aug;28(4):360–1

RHINOPLASTY

Rhinoplasty and general anesthesia. Halothane vs enflurane as agent of choice. Selkin SG. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):802–3

Analysis of patient response to preoperative computerized video imaging. Thomas JR, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):793–6

Nasion graft in rhinoplasty [letter] Bortnick E. **Plast Reconstr Surg** 1989 Aug;84(2):366

A graphic record of intraoperative maneuvers in rhinoplasty: the missing link for evaluating rhinoplasty results. Gunter JP. **Plast Reconstr Surg** 1989 Aug;84(2):204–12

Postoperative nighttime nasal taping to decrease swelling [letter] Hoefflin SM. **Plast Reconstr Surg** 1989 Aug; 84(2):375

RHYTIDOPLASTY

Submalar augmentation. An alternative to face-lift surgery. Binder WJ. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):797–801

RIB FRACTURES

Presence of three or more rib fractures as an indicator of need for interhospital transfer. Lee RB, et al. **J Trauma** 1989 Jun;29(6):795–9; discussion 799–800

RIBONUCLEASES

Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. Barker RL, et al. **J Immunol** 1989 Aug 1;143(3):952–5

RIBONUCLEOPROTEINS

Biochemical and immunological heterogeneity of the Ro ribonucleoprotein particles. Analysis with sera specific for the RohY5 particle. Boire G, et al. **J Clin Invest** 1989 Jul; 84(1):270–9

RIBS

Amplitude dependency of regional chest wall resistance and elastance at normal breathing frequencies. Barnas GM, et al. **Am Rev Respir Dis** 1989 Jul;140(1):25–30

Chest wall distortion in patients with flail chest. Tzelepis GE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):31–7

Donor site morbidity following harvesting of autogenous rib grafts. Skouteris CA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):808–12

RICKETS

Ultraviolet irradiation for hepatic rickets. Kooh SW, et al. **Arch Dis Child** 1989 Apr;64(4):617–9

Surgically curable hypophosphatemic rickets. Diagnosis and management. Hanukoglu A, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):321–5

Hypercalciuric hypophosphatemic rickets, mineral balance, bone histomorphometry, and therapeutic implications of hypercalciuria. Chen C, et al. **Pediatrics** 1989 Aug; 84(2):276–80

RICKETTSIA INFECTIONS

Acute febrile cerebrovasculitis. A non-spotted fever group rickettsial disease. Linnemann CC Jr, et al. **Arch Intern Med** 1989 Jul;149(7):1682–4

RIFAMPIN

Cutaneous vasculitis associated with rifampin therapy. Iredale JP, et al. **Chest** 1989 Jul;96(1):215–6

Thrombocytopenia—a rare but potentially serious side effect of initial daily and interrupted use of rifampicin. Lee CH, et al. **Chest** 1989 Jul;96(1):202–3

RIGHT TO DIE

Right to die [news] Dyer C. **BMJ** 1989 Apr 29; 298(6681):1133–4

RISK

Measuring therapeutic risk [editorial] **Lancet** 1989 Jul 15; 2(8655):139–40

RISK-TAKING

Basic reference gambles recommended for utility assessment [letter] Thornton JG, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):256–7

RISTOCETIN

Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. Olson JD, et al. **J Lab Clin Med** 1989 Jul; 114(1):6–18

RITODRINE

Pharmacokinetics of orally administered ritodrine. Caritis SN, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):32–5

RNA, MESSENGER

Interleukin-2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Müller-Quernheim J, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):82–8

Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89–94

Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459–68

Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Dayanithi G, et al. **Endocrinology** 1989 Jul;125(1):308–13

Epidermal growth factor stimulates tissue plasminogen activator activity and messenger ribonucleic acid levels in cultured rat granulosa cells: mediation by pathways independent of protein kinases-A and -C. Galway AB, et al. **Endocrinology** 1989 Jul;125(1):126–35

Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Hernandez ER, et al. **Endocrinology** 1989 Jul;125(1):572–4

Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD,

et al. **Endocrinology** 1989 Jul;125(1):351–6
The enhancing effect of adrenocorticotropin on adrenal 3–hydroxy–3–methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Lehoux JG, et al. **Endocrinology** 1989 Jul;125(1):158–64
Dexamethasone inhibits growth hormone induction of insulin–like growth factor–I (IGF–I) messenger ribonucleic acid (mRNA) in hypophysectomized rats and reduces IGF–I mRNA abundance in the intact rat. Luo JM, et al. **Endocrinology** 1989 Jul;125(1):165–71
Calcium regulates parathyroid hormone messenger ribonucleic acid (mRNA), but not calcitonin mRNA in vivo in the rat. Dominant role of 1,25–dihydroxyvitamin D. Naveh–Many T, et al. **Endocrinology** 1989 Jul; 125(1):275–80
Heat shock of cultured GC cells enhances the level of triiodothyronine induced growth hormone (GH) and GH messenger ribonucleic acid. Shapiro LE, et al. **Endocrinology** 1989 Jul;125(1):180–5
Expression of substance P/neurokinin A–encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348–56
Secretory pancreatic stone protein messenger RNA. Nucleotide sequence and expression in chronic calcifying pancreatitis. Giorgi D, et al. **J Clin Invest** 1989 Jul; 84(1):100–6
Effect of feeding and obesity on lipoprotein lipase activity, immunoreactive protein, and messenger RNA levels in human adipose tissue. Ong JM, et al. **J Clin Invest** 1989 Jul;84(1):305–11
Expression of diverse Na+ channel messenger RNAs in rat myocardium. Evidence for a cardiac–specific Na+ channel. Sills MN, et al. **J Clin Invest** 1989 Jul;84(1):331–6
Transitions from high to low molecular weight isoforms of CD45 (T200) involve rapid activation of alternate mRNA splicing and slow turnover of surface CD45R. Deans JP, et al. **J Immunol** 1989 Aug 15;143(4):1233–8
Induction of endogenous cytokine–mRNA in circulating peripheral blood mononuclear cells by IL–2 administration to cancer patients. Kasid A, et al. **J Immunol** 1989 Jul 15; 143(2):736–9
Modulation of mRNA levels for urinary– and tissue–type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. Michel JB, et al. **J Immunol** 1989 Aug 1;143(3):890–5
Production of lymphokine mRNA by CD45R+ and CD45R– helper T cells from human peripheral blood and by human CD4+ T cell clones. Salmon M, et al. **J Immunol** 1989 Aug 1;143(3):907–12
Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. Weiss EA, et al. **J Immunol** 1989 Aug 1;143(3):1046–52

RNA SPLICING

Transitions from high to low molecular weight isoforms of CD45 (T200) involve rapid activation of alternate mRNA splicing and slow turnover of surface CD45R. Deans JP, et al. **J Immunol** 1989 Aug 15;143(4):1233–8
Mutation of 3′ splice sites in two different class I genes results in different usage of cryptic splice sites. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1018–25

RNA, VIRAL

Detection of yellow fever viral RNA by nucleic acid hybridization and viral antigen by immunocytochemistry in fixed human liver. Monath TP, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):663–8

RODS AND CONES

Rod cell–specific antigens in retinoblastoma. Vrabec T, et al. **Arch Ophthalmol** 1989 Jul;107(7):1061–3

ROLE

Role of the physician as opinion leader in tobacco control. Kunze M. **Chest** 1989 Jul;96(1 Suppl):13S–14S
Colon polyps in the elderly: appropriate primary care follow–up. Reza FM, et al. **Geriatrics** 1989 Jul;44(7):47–51, 54
Seasoned AIDS warriors extend arms to rookies in the battle against HIV disease [news] Goldsmith MF. **JAMA** 1989 Jul 21;262(3):326–7
From the Health Care Financing Administration. Hays LB. **JAMA** 1989 Jul 21;262(3):328
A piece of my mind. So much more to say. Leff PT. **JAMA** 1989 Jul 21;262(3):402
Need for a patient advocate. Moore C. **JAMA** 1989 Jul 14; 262(2):259–60
Sunburns, melanoma, and the pediatrician. Williams ML, et al. **Pediatrics** 1989 Aug;84(2):381–2

RUBELLA

Rubella immunisation for girls over 14 years [letter] Smithells RW. **Arch Dis Child** 1989 Apr;64(4):638–9

RUBELLA VACCINE

Mumps meningitis following measles, mumps, and rubella immunisation [letter] Gray JA, et al. **Lancet** 1989 Jul 8; 2(8654):98

RUNNING

Left ventricular dynamics during exercise in elite marathon runners. Fagard R, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):112–8

RURAL HEALTH

Preterm birth prevention in a rural practice. Yawn BP, et al. **JAMA** 1989 Jul 14;262(2):230–3

RURAL POPULATION

Chlamydia trachomatis and Neisseria gonorrhoeae in asymptomatic family planning patients in rural New Mexico. Bell TA, et al. **West J Med** 1989 May;150(5):543–4

SALICYLATES

Fatal iatrogenic salicylate intoxication in a long–term user of enteric–coated aspirin [letter] Rainey PM. **Arch Pathol Lab Med** 1989 Jul;113(7):711

SALICYLAZOSULFAPYRIDINE

Sulphasalazine in rheumatoid arthritis: haematological problems [letter] Lyle WH. **Br J Rheumatol** 1989 Aug; 28(4):363–4
Profound leucopenia with Salazopyrin EN [letter] Ridley MG, et al. **Br J Rheumatol** 1989 Aug;28(4):364–5
Crohn's disease, sulfasalazine, and mycobacteria. Van Caekenberghe D. **J Lab Clin Med** 1989 Jul;114(1):63–5

SALIVARY GLAND CALCULI

Extracorporeal shockwave lithotripsy of salivary gland stones [letter] Iro H, et al. **Lancet** 1989 Jul 8;2(8654):115

SALIVARY GLAND DISEASES

Lymphocytic infiltrates and epithelial HLA–DR expression in lip salivary glands in connective tissue disease patients lacking sicca: a prospective study. Lindahl G, et al. **Br J Rheumatol** 1989 Aug;28(4):293–8

SALIVARY GLAND NEOPLASMS

Polymorphous low–grade adenocarcinoma of seromucous glands of the nasopharynx. A report of a case and a discussion of the morphologic and immunohistochemical features. Wenig BM, et al. **Am J Clin Pathol** 1989 Jul; 92(1):104–9 (15 ref.)
Relationship of cytogenetic subtypes of salivary gland pleomorphic adenomas with patient age and histologic type. Bullerdiek J, et al. **Cancer** 1989 Aug 15;64(4):876–80

SALIVARY GLANDS

Detection of clonally expanded salivary gland lymphocytes in Sjögren's syndrome. Freimark B, et al. **Arthritis Rheum** 1989 Jul;32(7):859–69

SALMONELLA FOOD POISONING

Epidemic of restaurant–associated illness due to Salmonella newport. Narain JP, et al. **South Med J** 1989 Jul; 82(7):837–40

SALMONELLA INFECTIONS

Outbreaks of salmonella infection in hospitals in England and Wales 1978–87. Joseph CA, et al. **BMJ** 1989 Apr 29; 298(6681):1161–4
Reactive arthritis in association with the Guillain–Barré–Strohl syndrome [letter] Sachdev D, et al. **Br J Rheumatol** 1989 Aug;28(4):359–60
Chloramphenicol treatment of childhood bacterial meningitis [letter] Forster J. **Lancet** 1989 Jul 15;2(8655):161
Salmonella infection after ileoanal anastomosis [letter] Kusunoki M, et al. **Lancet** 1989 Jul 8;2(8654):113

SALPINGOSTOMY

Management of unruptured ectopic gestation by linear salpingostomy: a prospective, randomized clinical trial of laparoscopy versus laparotomy [letter] Watson WJ. **Obstet Gynecol** 1989 Aug;74(2):282–3

SAPHENOUS VEIN

Diastolic segmental compression of saphenous vein bypass graft. Chokshi SK, et al. **Am Heart J** 1989 Aug; 118(2):402–4
In–situ saphenous vein bypass grafts [letter] LeMaitre GD. **Ann Surg** 1989 Jul;210(1):125–6
Preoperative correlates of impaired wound healing after saphenous vein excision. Utley JR, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):147–9
A simple technique for in situ saphenous vein arterial bypass graft with anastomoses at the common femoral or external iliac artery. Tanchajja S, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):78

SARCOIDOSIS

Gastrointestinal sarcoidosis: radiographic findings. Levine MS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):293–5
Interleukin–2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Müller–Quernheim J, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):82–8
Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Spurzem JR, et al. **Am Rev Respir Dis** 1989 Jul;140(1):89–94
Sarcoid arthropathy in cystic fibrosis. Soden M, et al. **Br J Rheumatol** 1989 Aug;28(4):341–3
Sarcoidosis diagnosed in a patient with known HIV infection. Coots LE, et al. **Chest** 1989 Jul;96(1):201–2
Pulmonary sarcoidosis: evaluation with high–resolution CT. Brauner MW, et al. **Radiology** 1989 Aug;172(2):467–71

SARCOMA

The radiologic manifestations of alveolar soft–part sarcoma. Lorigan JG, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):335–9
Mixed müllerian sarcoma of the uterus: MR imaging findings. Shapeero LG, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):317–9
Management of extremity soft–tissue sarcoma. Brennan MF. **Am J Surg** 1989 Jul;158(1):71–8 (66 ref.)
Wound complications of adjuvant radiation therapy in patients with soft–tissue sarcomas. Ormsby MV, et al. **Ann Surg** 1989 Jul;210(1):93–9
Pathologic analysis of advanced adult soft tissue sarcomas, bone sarcomas, and mesotheliomas. The Eastern Cooperative Oncology Group (ECOG) experience. Shiraki M, et al. **Cancer** 1989 Jul 15;64(2):484–90
Radiation therapy in the treatment of bone and soft tissue sarcomas. Kalnicki S. **Orthop Clin North Am** 1989 Jul; 20(3):505–12 (43 ref.)

SARCOMA, EWING'S

Small round cell tumors. Pritchard DJ. **Orthop Clin North Am** 1989 Jul;20(3):367–75 (23 ref.)

SARCOMA, EXPERIMENTAL

The effect of photodynamic therapy on tumor oxygenation. Reed MW, et al. **Surgery** 1989 Jul;106(1):94–9

SARCOMA, KAPOSI'S

Pneumothorax in pleuropulmonary Kaposi's sarcoma related to acquired immunodeficiency syndrome. Floris C, et al. **Am J Med** 1989 Jul;87(1):123–4
Pulmonary Kaposi's sarcoma: clinical findings and results of therapy. Gill PS, et al. **Am J Med** 1989 Jul;87(1):57–61
Kaposi sarcoma and alpha–interferon therapy [letter] Krigel RL. **Ann Intern Med** 1989 Jul 15;111(2):185–7

SARCOMA, MAST CELL

Recovery of activated cytotoxic T cells from minor H incompatible tumor graft rejection sites. Ksander BR, et al. **J Immunol** 1989 Jul 15;143(2):426–31

SARCOPLASMIC RETICULUM

Comparison of the effects of halothane on skinned myocardial fibers from newborn and adult rabbit: II. Effects on sarcoplasmic reticulum. Krane EJ, et al. **Anesthesiology** 1989 Jul;71(1):103–9
Inositol 1,4,5–trisphosphate phosphatase deficiency and malignant hyperpyrexia in swine. Foster PS, et al. **Lancet** 1989 Jul 15;2(8655):124–7

SCALP

Ulcerated tumor on the scalp. Clear–cell hidradenoma. Schweitzer WJ, et al. **Arch Dermatol** 1989 Jul;125(7):985–6, 989

SCHEUERMANN'S DISEASE

Vertebral bone density in Scheuermann disease. Gilsanz V, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):894–7

SCHISTOSOMA JAPONICUM

Persistence of hepatic fibrosis and tissue eggs following treatment of Schistosoma japonicum infected mice. Cheever AW, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):620–8

SCHISTOSOMA MANSONI

Identification of snails infected with schistosomes by ELISA employing monoclonal antibodies: Schistosoma mansoni in laboratory snails (Biomphalaria glabrata) and in field snails (Biomphalaria pfeifferi) from Kenya. Hamburger J, et al.

Am J Trop Med Hyg 1989 Jun;40(6):613–9
Schistosoma mansoni antigens recognized in Biomphalaria glabrata hemolymph by monoclonal antibodies. Hamburger J, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):605–12
Characteristics of protective immunity in mice induced by drug-attenuated larvae of Schistosoma mansoni. Antigen localization and antibody responses. Mountford AP, et al. **J Immunol** 1989 Aug 1;143(3):989–95

SCHISTOSOMIASIS JAPONICA

Persistence of hepatic fibrosis and tissue eggs following treatment of Schistosoma japonicum infected mice. Cheever AW, et al. **Am J Trop Med Hyg** 1989 Jun; 40(6):620–8

SCHISTOSOMIASIS MANSONI

Characteristics of protective immunity in mice induced by drug-attenuated larvae of Schistosoma mansoni. Antigen localization and antibody responses. Mountford AP, et al. **J Immunol** 1989 Aug 1;143(3):989–95
The molecular basis of granuloma formation in schistosomiasis. III. In vivo effects of a T cell-derived suppressor effector factor and IL-2 on granuloma formation. Perrin PJ, et al. **J Immunol** 1989 Jul 15; 143(2):649–54

SCHISTOSOMICIDES

Characteristics of protective immunity in mice induced by drug-attenuated larvae of Schistosoma mansoni. Antigen localization and antibody responses. Mountford AP, et al. **J Immunol** 1989 Aug 1;143(3):989–95

SCHIZOPHRENIA

Sensory input deficits and negative symptoms in schizophrenic patients. Braff DL. **Am J Psychiatry** 1989 Aug;146(8):1006–11
Depression and negative symptoms in schizophrenia [letter] Chadda RK, et al. **Am J Psychiatry** 1989 Aug;146(8):1083
Use of imaging techniques for schizophrenic patients [letter] Conlon P, et al. **Am J Psychiatry** 1989 Jul;146(7):941
Association of left-handedness with ventricle size and neuropsychological performance in schizophrenia. Katsanis J, et al. **Am J Psychiatry** 1989 Aug;146(8):1056–8
Informed consent and tardive dyskinesia. Kleinman I, et al. **Am J Psychiatry** 1989 Jul;146(7):902–4
Neurological impairment in violent schizophrenic inpatients. Krakowski MI, et al. **Am J Psychiatry** 1989 Jul; 146(7):849–53
Audiotape playback as a technique in the treatment of schizophrenic patients. Satel SL, et al. **Am J Psychiatry** 1989 Aug;146(8):1012–6
Dopamine blockade and clinical response: evidence for two biological subgroups of schizophrenia. Wolkin A, et al. **Am J Psychiatry** 1989 Jul;146(7):905–8
Alprazolam augmentation of neuroleptics in schizophrenia [letter] Wolkowitz OM, et al. **Am J Psychiatry** 1989 Aug; 146(8):1087–8
Inferior parietal region implicated in neurocognitive impairment in schizophrenia [letter] Cleghorn JM, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):758–60
Eye tracking dysfunction is associated with partial trisomy of chromosome 5 and schizophrenia: a response [letter] Holzman PS, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):756–8
The positive-negative distinction in drug-free schizophrenic patients. Stability, response to neuroleptics, and prognostic significance. Kay SR, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):711–8
CT abnormalities in schizophrenia. A preliminary study of their correlations with P300/P200 electrophysiological features and positive/negative symptoms. McCarley RW, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):698–708
Information processing deficit in schizophrenia: a frontal lobe sign? [letter] Merriam AE, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):760
Ventricle-brain ratio, computed tomographic density, and brain area in 50 schizophrenics. Pearlson GD, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):690–7
Cholinergic hyperactivity and negative schizophrenic symptoms. A model of cholinergic/dopaminergic interactions in schizophrenia. Tandon R, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):745–53 (135 ref.)
Saccadic distractibility in schizophrenic patients with tardive dyskinesia [letter] Thaker GK, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):755–6
Alcohol and substance abuse among schizophrenic patients presenting to an emergency psychiatric service. Barbee JG, et al. **J Nerv Ment Dis** 1989 Jul;177(7):400–7
Alcohol use and abuse in schizophrenia. A prospective community study. Drake RE, et al. **J Nerv Ment Dis** 1989 Jul;177(7):408–14

SCHIZOPHRENIC PSYCHOLOGY

Sensory input deficits and negative symptoms in schizophrenic patients. Braff DL. **Am J Psychiatry** 1989 Aug;146(8):1006–11
Depression and negative symptoms in schizophrenia [letter] Chadda RK, et al. **Am J Psychiatry** 1989 Aug;146(8):1083
Empathy and schizophrenia [letter] Kirkpatrick B, et al. **Am J Psychiatry** 1989 Jul;146(7):945–6
The positive-negative distinction in drug-free schizophrenic patients. Stability, response to neuroleptics, and prognostic significance. Kay SR, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):711–8
Cholinergic hyperactivity and negative schizophrenic symptoms. A model of cholinergic/dopaminergic interactions in schizophrenia. Tandon R, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):745–53 (135 ref.)

SCHOOLS, MEDICAL

Faculty renewal: modeling the impact of the end of mandatory retirement in the University of California medical schools. Friedman PJ. **Acad Med** 1989 Jul; 64(7):372–7
University-based radiology departments: a perspective. Gamsu G. **Radiology** 1989 Jul;172(1):283–4
Pedigrees of southern surgical chairmen. Cohn I Jr. **South Med J** 1989 Jul;82(7):892–6
Western medical schools—a breed apart. Dale DC. **West J Med** 1989 May;150(5):602–3

SCHOOLS, NURSING

The future of nursing continuing education. Newbern VB. **Nurs Outlook** 1989 Jul-Aug;37(4):182–4

SCHWANN CELLS

Type 1 neurofibromatosis: selective expression of extracellular matrix genes by Schwann cells, perineurial cells, and fibroblasts in mixed cultures. Jaakkola S, et al. **J Clin Invest** 1989 Jul;84(1):253–61

SCIATIC NERVE

Neurilemoma of the sciatic nerve mimicking tarsal tunnel syndrome. Report of a case. Wolock BS, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):932–4

SCIENCE

U.S. science policy: from crisis management to long-term public good [editorial] Nagle D. **Endocrinology** 1989 Jul; 125(1):1–2
DNA and the duomo: reflections on the two cultures. Weissmann G. **Hosp Pract [Off]** 1989 Jul 15;24(7):121, 124, 127–8 passim
Nobelists emphasize interdependence in global science and technology [news] Kangilaski J. **JAMA** 1989 Jul 21; 262(3):325–6

SCLERITIS

Treatment of scleritis with combined oral prednisone and indomethacin therapy [letter] Lightman S, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):95

SCLERODERMA, SYSTEMIC

Methotrexate treatment in scleroderma. van den Hoogen FH, et al. **Am J Med** 1989 Jul;87(1):116–7
A strategy for determining the pathogenesis of systemic sclerosis. Is transforming growth factor beta the answer? Leroy EC, et al. **Arthritis Rheum** 1989 Jul;32(7):817–25 (66 ref.)
Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Akesson A, et al. **Br J Rheumatol** 1989 Aug;28(4):281–6
Scleroderma and breast carcinoma [letter] Papasavvas G, et al. **Br J Rheumatol** 1989 Aug;28(4):366–7

SCLEROSING SOLUTIONS

Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421–6
Sclerotherapy for extrahepatic portal hypertension in childhood. Hassall E, et al. **J Pediatr** 1989 Jul;115(1):69–74

SCOLIOSIS

The prone position, scoliosis, and cot death [letter] Conner AN. **BMJ** 1989 Apr 29;298(6681):1178
Anterior Zielke instrumentation for spinal deformity in adults. Kostuik JP, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):898–912

SCOPOLAMINE

Management of reflex sweating in spinal cord injured patients. Staas WE Jr, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):544–6

SCRAPIE AGENT

Familial dementia with PrP-positive amyloid plaques: a variant of Gerstmann-Sträussler syndrome. Nochlin D, et al. **Neurology** 1989 Jul;39(7):910–8

SCURVY

Scurvy and anaemia in refugees [letter] Greenham R. **Lancet** 1989 Jul 15;2(8655):170

SEASONS

Seasonal and mood independence of low basal prolactin secretion in premenopausal women with seasonal affective disorder. Depue RA, et al. **Am J Psychiatry** 1989 Aug; 146(8):989–95
Seasonality and affective illness. Wehr TA, et al. **Am J Psychiatry** 1989 Jul;146(7):829–39 (105 ref.)

SEAT BELTS

Patterns of maxillofacial injuries in restrained and unrestrained motor vehicle crash victims. Reath DB, et al. **J Trauma** 1989 Jun;29(6):806–9; discussion 809–10

SECOND MESSENGER SYSTEMS

Effect of rise in cAMP levels on Ca2+ influx through voltage-dependent Ca2+ channels in HIT cells. Second-messenger synarchy in beta-cells. Rajan AS, et al. **Diabetes** 1989 Jul;38(7):874–80

SECRETIN

Postprandial plasma gastrin and secretin concentrations after a pancreatoduodenectomy. A comparison between a pylorus-preserving pancreatoduodenectomy and the Whipple procedure. Takada T, et al. **Ann Surg** 1989 Jul; 210(1):47–51
Gastrin-producing ovarian cystadenocarcinoma: sensitivity to secretin and SMS 201-995. Heyd J, et al. **Gastroenterology** 1989 Aug;97(2):464–7
Prostaglandins in the mediation of secretin-induced inhibition of gastric secretion and stimulation of pancreatic secretion [letter] Konturek SJ. **Gastroenterology** 1989 Aug; 97(2):554–6

SEIZURES

Oxytocin may explain neonatal seizures [letter] Goodlin RC. **Am J Obstet Gynecol** 1989 Jul;161(1):259
Ataxia, chorea, seizures, and dementia. Pathologic features of a newly defined familial disorder. Farmer TW, et al. **Arch Neurol** 1989 Jul;46(7):774–9
Seizure activity mimicking brainstem herniation [letter] Kissoon N. **Crit Care Med** 1989 Jul;17(7):712
Neonatal seizures. **Lancet** 1989 Jul 15;2(8655):135–7 (31 ref.)

SELENIUM

Selenium and myocardial infarction [letter] Burk RF. **JAMA** 1989 Aug 11;262(6):775

SELF ADMINISTRATION

Patient-Controlled Analgesia Versus Intermittent Analgesia Dosing [letter] Christensen HJ. **Heart Lung** 1989 Jul; 18(4):430–1

SELF CARE

Old and unwashed: bathing problems in the over 70s. Penn ND, et al. **BMJ** 1989 Apr 29;298(6681):1158–9
Adjustment of caloric intake based on self-monitoring in noninsulin-dependent diabetes mellitus: development and feasibility. Malik RL, et al. **J Am Diet Assoc** 1989 Jul; 89(7):960–1

SELF CONCEPT

A hierarchical model of opiate addiction. Failures of self-regulation as a central aspect of substance abuse. Wilson A, et al. **J Nerv Ment Dis** 1989 Jul;177(7):390–9

SELF-HELP GROUPS

Balint groups and difficult physician-patient relationships [letter] Pomeroy DP. **J Fam Pract** 1989 Jul;29(1):16–7

SEMANTICS

To best was always to worst, but worse is better, if good and bad are relevant [letter] Banzhaf D. **JAMA** 1989 Jul 14;262(2):210
'Ravelled sleeve'? It seams JAMA hath come apart at seems [letter] Tartow LR. **JAMA** 1989 Aug 4;262(5):616

SENSATION

Hemianesthesia and aphasia. An anatomical and behavioral study. Hyman BT, et al. **Arch Neurol** 1989 Jul;46(7):816–9

SEPTICEMIA

Opsonic activity in serum from septic infants treated with intravenous immunoglobulin. Maródi L, et al. **Arch Dis Child** 1989 Apr;64(4):530–4
Staphylococcus aureus septicaemia: the initial presentation of polyarteritis nodosa. O'Sullivan J, et al.

Br J Rheumatol 1989 Aug;28(4):347-9
Incidence of septic and thromboembolic-related deaths after splenectomy in adults. Pimpl W, et al. Br J Surg 1989 May; 76(5):517-21
Pseudomonas bacteremia in a previously healthy 2-year-old boy. Ros SP. Clin Pediatr (Phila) 1989 Jul;28(7):336
Chondro-osseous growth abnormalities after meningococcemia. A clinical and histopathological study. Grogan DP, et al. J Bone Joint Surg [Am] 1989 Jul; 71(6):920-8
Plasma tumor necrosis factor levels in patients with presumed sepsis. Results in those treated with antilipid A antibody vs placebo. de Groote MA, et al. JAMA 1989 Jul 14; 262(2):249-51
Should blood cultures be obtained in the evaluation of young febrile children without evident focus of bacterial infection? A decision analysis of diagnostic management strategies. Kramer MS, et al. Pediatrics 1989 Jul;84(1):18-27
Increased incidence of bacteremia in Haitian children with sickle cell anemia. Pegelow CH. South Med J 1989 Jul; 82(7):833-6, 840
Effect of sepsis on calcium uptake and content in skeletal muscle and regulation in vitro by calcium of total and myofibrillar protein breakdown in control and septic muscle: results from a preliminary study. Benson DW, et al. Surgery 1989 Jul;106(1):87-93

SEPTUM PELLUCIDUM

Incidence of cavum septum pellucidum in adults: a sign of boxer's encephalopathy. Bogdanoff B, et al. Neurology 1989 Jul;39(7):991-2

SEROTYPING

Diagnosis of enteropathogenic Escherichia coli [letter] Knutton S, et al. Lancet 1989 Jul 22;2(8656):218

SERUM ALBUMIN

Threshold for albumin as a prognostic marker in acute pancreatitis. Holliday MP, et al. Br J Surg 1989 May; 76(5):472-3
Unique features of albumin: a brief review. Emerson TE Jr. Crit Care Med 1989 Jul;17(7):690-4 (65 ref.)
Antigenicity of dextran-protein conjugates in mice. Effect of molecular weight of the carbohydrate and comparison of two modes of coupling. Seppälä I, et al. J Immunol 1989 Aug 15;143(4):1259-64

SERUM GLOBULINS

Alteration of electrophoretic mobility of serum globulins after storage. Pudlak KA, et al. Arch Pathol Lab Med 1989 Jul;113(7):808-9
Reversal of hyperglobulinemia after orthotopic liver transplantation [letter] Yanaga K, et al. N Engl J Med 1989 Aug 10;321(6):399

SEVERITY OF ILLNESS INDEX

Stiffness of systemic arteries in patients with myocardial infarction. A noninvasive method to predict severity of coronary atherosclerosis. Hirai T, et al. Circulation 1989 Jul;80(1):78-86
Individual outcome prediction models for intensive care units. Chang RW. Lancet 1989 Jul 15;2(8655):143-6
Adverse events during interhospital transport: physiologic deterioration associated with pretransport severity of illness. Kanter RK, et al. Pediatrics 1989 Jul;84(1):43-8

SEX BEHAVIOR

The new sexual history: inquiring about sexual practices [editorial] Bowman M. Am Fam Physician 1989 Jul; 40(1):82-3
How to assess the risk of HIV exposure. Jewell ME, et al. Am Fam Physician 1989 Jul;40(1):153-61
Taking a sexual history: an individualized approach [editorial] Siwek J. Am Fam Physician 1989 Jul;40(1):83-4
Sexual behaviour of young and middle aged men in England and Wales. Forman D, et al. BMJ 1989 Apr 29; 298(6681):1137-42
Referred shoulder pain in a sexually active woman. Smally AJ. Hosp Pract [Off] 1989 Jul 15;24(7):62, 64
The initiation of male homosexual behavior [letter] Haverkos HW, et al. JAMA 1989 Jul 28;262(4):501
Premarital sex in rural India [letter] Bang A, et al. Lancet 1989 Jul 8;2(8654):109

SEX CHARACTERISTICS

Sexual dimorphism and testosterone-dependent regulation of somatostatin gene expression in the periventricular nucleus of the rat brain. Chowen-Breed JA, et al. Endocrinology 1989 Jul;125(1):357-62

SEX DISORDERS

Libido, menopause, and estrogen replacement therapy. Beard MK, et al. Postgrad Med 1989 Jul;86(1):225-8 (9 ref.)
Fluoxetine-related anorgasmy [letter] Lydiard RB, et al. South Med J 1989 Jul;82(7):933-4

SEX HORMONES

Immunoneutralization of endogenous inhibin modifies hormone secretion and ovulation rate in the rat. Rivier C, et al. Endocrinology 1989 Jul;125(1):152-7

SEX MATURATION

Circulating inhibin alpha concentrations in infant, prepubertal, and adult male rhesus monkeys (Macaca mulatta) and in juvenile males during premature initiation of puberty with pulsatile gonadotropin-releasing hormone treatment. Abeyawardene SA, et al. Endocrinology 1989 Jul;125(1):250-6
Endogenous opioid regulation of pulsatile luteinizing hormone secretion during sexual maturation in the female sheep. Ebling FJ, et al. Endocrinology 1989 Jul; 125(1):369-83
Androgen and estrogen effects on protein synthesis by the adult rabbit epididymis. Toney TW, et al. Endocrinology 1989 Jul;125(1):243-9
Estrogen and androgen regulation of protein synthesis by the immature rabbit epididymis. Toney TW, et al. Endocrinology 1989 Jul;125(1):231-42

SEX OFFENSES

The presumptive role of fantasy in serial sexual homicide. Prentky RA, et al. Am J Psychiatry 1989 Jul;146(7):887-91
That notwithstanding clause again [letter] Herbert CP, et al. Can Med Assoc J 1989 Jul 15;141(2):97-8

SEX RATIO

Sex ratio in singleton and multiple births after infertility treatment [letter] Murphy M, et al. Lancet 1989 Jul 22; 2(8656):215
Sex ratio and assisted conception [letter] al-Shawaf T, et al. Lancet 1989 Jul 1;2(8653):53

SEXUALLY TRANSMITTED DISEASES

Some late reports from the front in war against various sexually transmitted diseases [news] Henahan JF. JAMA 1989 Jul 14;262(2):177, 181

SHELLFISH

Current issues in food safety—especially seafoods. Liston J. J Am Diet Assoc 1989 Jul;89(7):911-3

SHIGELLA DYSENTERIAE

Quantitation of the rabbit intestinal glycolipid receptor for Shiga toxin. Further evidence for the developmental regulation of globotriaosylceramide in microvillus membranes. Mobassaleh M, et al. Gastroenterology 1989 Aug;97(2):384-91

SHIGELLA SONNEI

An outbreak of shigellosis associated with the consumption of raw oysters. Reeve G, et al. N Engl J Med 1989 Jul 27;321(4):224-7

SHOCK

Perioperative cardiovascular collapse in a patient previously treated with doxorubicin [letter] Hickey PR. Anesth Analg 1989 Jul;69(1):1004-5
Early detection of shock in critically ill patients by skeletal muscle PO2 assessment. Beerthuizen GI, et al. Arch Surg 1989 Jul;124(7):853-5
Heat shock of cultured GC cells enhances the level of triiodothyronine induced growth hormone (GH) and GH messenger ribonucleic acid. Shapiro LE, et al. Endocrinology 1989 Jul;125(1):180-5

SHOCK, CARDIOGENIC

Toxic cardiogenic shock associated with infusion of 5-fluorouracil. McKendall GR, et al. Am Heart J 1989 Jul;118(1):184-6
The in-hospital development of cardiogenic shock after myocardial infarction: incidence, predictors of occurrence, outcome and prognostic factors. The MILIS Study Group. Hands ME, et al. J Am Coll Cardiol 1989 Jul;14(1):40-6; discussion 47-8

SHOCK, HEMORRHAGIC

Immune enhancement by tumor necrosis factor-alpha improves antibiotic efficacy after hemorrhagic shock. Livingston DH, et al. J Trauma 1989 Jul;29(7):967-70; discussion 970-1

SHOCK, SEPTIC

Toxic shock syndrome caused by a strain of Staphylococcus aureus that produces enterotoxin C but not toxic shock syndrome toxin-1. Rizkallah MF, et al. Am J Dis Child 1989 Jul;143(7):848-9
Acute abdomen and shock following a hernia repair in a 75-year-old woman [clinical conference] Am J Med 1989 Jul;87(1):85-90
Toxic shock syndrome and estrogen therapy [letter] Hooper PL. Ann Intern Med 1989 Aug 1;111(3):263-4
Effect of lipopolysaccharide on intestinal intramucosal hydrogen ion concentration in pigs: evidence of gut ischemia in a normodynamic model of septic shock. Fink MP, et al. Crit Care Med 1989 Jul;17(7):641-6

SHOES

On shock absorbent insoles to prevent bone fractures [letter] Ruffin MR 4th. Am J Public Health 1989 Aug;79(8):1056-7
Corrective Shoes and Inserts as Treatment for Flexible Flatfoot in Infants and Children [letter] J Bone Joint Surg [Am] 1989 Jul;71(6):953-4
Corrective shoes [editorial] Cohen J, et al. J Bone Joint Surg [Am] 1989 Jul;71(6):799
Corrective shoes and inserts as treatment for flexible flatfoot in infants and children. Wenger DR, et al. J Bone Joint Surg [Am] 1989 Jul;71(6):800-10

SHOULDER

MR imaging of the shoulder: optimizing surface-coil positioning [letter] Glickstein MF. AJR Am J Roentgenol 1989 Aug;153(2):431-2
Referred shoulder pain in a sexually active woman. Smally AJ. Hosp Pract [Off] 1989 Jul 15;24(7):62, 64

SHOULDER JOINT

An anatomic study of the musculocutaneous nerve and its relationship to the coracoid process. Flatow EL, et al. Clin Orthop 1989 Jul;(244):166-71
The role of the long head of biceps brachii in the stabilization of the head of the humerus. Kumar VP, et al. Clin Orthop 1989 Jul;(244):172-5
Magnetic resonance imaging of the shoulder. Seeger LL. Clin Orthop 1989 Jul;(244):48-59 (29 ref.)
Efficacy of shoulder range of motion exercise in hospitalized patients after coronary artery bypass graft surgery. Shaw DK, et al. Heart Lung 1989 Jul;18(4):364-9
Rotator cuff tears: diagnostic performance of MR imaging. Zlatkin MB, et al. Radiology 1989 Jul;172(1):223-9

SIBLING RELATIONS

Living with a mentally handicapped brother or sister. Gath A. Arch Dis Child 1989 Apr;64(4):513-6

SIGMOID NEOPLASMS

Endoscopic laser treatment for rectosigmoid villous adenoma: factors affecting the results. Brunetaud JM, et al. Gastroenterology 1989 Aug;97(2):272-7

SIGMOIDOSCOPY

The case of the missing polyp. The primary care physician's dilemma. Varma JR, et al. J Fam Pract 1989 Jul;29(1):81-2

SIGNAL PROCESSING, COMPUTER-ASSISTED

Role of bandpass filters in optimizing the value of the signal-averaged electrocardiogram as a predictor of the results of programmed stimulation. Caref EB, et al. Am J Cardiol 1989 Jul 1;64(1):16-26
Analog and digital filtering of the brain stem auditory evoked response. Kavanagh KT, et al. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):508-14

SIGNAL TRANSDUCTION

The effects of aprotinin on follicle-stimulating hormone binding and signal transduction in bovine calf testis. Grasso P, et al. Endocrinology 1989 Jul;125(1):117-25
A functional role for signal transduction via the cytoplasmic domains of MHC class II proteins. St-Pierre Y, et al. J Immunol 1989 Aug 1;143(3):808-12
Cholera toxin-sensitive and insensitive signaling via surface Ig. Warner GL, et al. J Immunol 1989 Jul 15;143(2):458-63

SILICON

The effect of silicon nitride ceramic on rabbit skeletal cells and tissue. An in vitro and in vivo investigation. Howlett CR, et al. Clin Orthop 1989 Jul;(244):293-304

SILICONE ELASTOMERS

Submalar augmentation. An alternative to face-lift surgery. Binder WJ. Arch Otolaryngol Head Neck Surg 1989 Jul; 115(7):797-801

SILICONE OILS

Results of silicone oil removal in advanced proliferative vitreoretinopathy. Zilis JD, et al. Am J Ophthalmol 1989 Jul 15;108(1):15-21

SILICONES

Localization of injected silicone with MRI prior to removal by suction cannula [letter] Bailey MH, et al. **Plast Reconstr Surg** 1989 Aug;84(2):364–6

SINUSITIS

Prolonged nasotracheal intubation and its association with inflammation of paranasal sinuses. Fassoulaki A, et al. **Anesth Analg** 1989 Jul;69(1):916–8

Secure endoscopic sinus surgery as an adjunct to functional nasal surgery. Toffel PH, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):822–5

Subacute sinusitis in children. Wald ER, et al. **J Pediatr** 1989 Jul;115(1):28–32

SJOGREN'S SYNDROME

Detection of clonally expanded salivary gland lymphocytes in Sjögren's syndrome. Freimark B, et al. **Arthritis Rheum** 1989 Jul;32(7):859–69

SKIN

Effect of ropivacaine on cutaneous capillary blood flow in pigs. Kopacz DJ, et al. **Anesthesiology** 1989 Jul;71(1):69–74

In vivo fluorescence of human skin [letter] Anderson RR. **Arch Dermatol** 1989 Jul;125(7):999–1000

Wrinkling due to middermal elastolysis. Report of a case and review of the literature. Rae V, et al. **Arch Dermatol** 1989 Jul;125(7):950–1 (7 ref.)

Polycyclic aromatic hydrocarbon (PAH) residues on skin in relation to air levels among roofers. Wolff MS, et al. **Arch Environ Health** 1989 May–Jun;44(3):157–63

Microvascular blood flow, volume, and velocity measured by laser Doppler techniques in IDDM. Rendell M, et al. **Diabetes** 1989 Jul;38(7):819–24

Cultured composite skin grafts: biological skin equivalents permitting massive expansion. Nanchahal J, et al. **Lancet** 1989 Jul 22;2(8656):191–3

Quantitative evaluation of the skin and accessory appendages in vulvar carcinoma in situ. Baggish MS, et al. **Obstet Gynecol** 1989 Aug;74(2):169–74

The morbidity and benefits of concurrent gracilis myocutaneous graft with pelvic exenteration. Cain JM, et al. **Obstet Gynecol** 1989 Aug;74(2):185–9

Direct monitoring of nutritive blood flow in a failing skin flap: the hairless mouse ear skin-flap model. Barker JH, et al. **Plast Reconstr Surg** 1989 Aug;84(2):303–13

Effect of capsulectomy on the hemodynamics and visibility of random-pattern skin flaps raised on expanded skin in the pig. Morris SF, et al. **Plast Reconstr Surg** 1989 Aug; 84(2):314–22; discussion 323–4

Enhanced survival of full-thickness skin grafts following the application of DC electrical fields. Politis MJ, et al. **Plast Reconstr Surg** 1989 Aug;84(2):267–72

Mucocutaneous injuries at a university teaching hospital. McCurdy SA, et al. **West J Med** 1989 May;150(5):604–8

SKIN DISEASES

Risk factors for vulvar lichen sclerosus. Sideri M, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):38–42

Treatment of 27 postoperative enterocutaneous fistulas with the long half-life somatostatin analogue SMS 201-995. Nubiola P, et al. **Ann Surg** 1989 Jul;210(1):56–8

Special techniques in dermatology. Jaworsky C, et al. **Arch Dermatol** 1989 Jul;125(7):963–74 (76 ref.)

Pruritic papular eruption. Papular mucinosis (lichen myxedematosus). Picascia DD, et al. **Arch Dermatol** 1989 Jul;125(7):986–7, 990

Photographic cures for dermatologic disorders. Slue WE Jr. **Arch Dermatol** 1989 Jul;125(7):960–2

Common inflammatory skin diseases of the elderly. Fitzpatrick JE. **Geriatrics** 1989 Jul;44(7):40–6 (18 ref.)

Aging and the skin. Silverberg N, et al. **Postgrad Med** 1989 Jul;86(1):131–6, 141–4 (10 ref.)

SKIN DISEASES, BULLOUS

Mediators of inflammation in blister fluids from patients with pemphigus vulgaris and bullous pemphigoid. Grando SA, et al. **Arch Dermatol** 1989 Jul;125(7):925–30

Hyperproliferation of conjunctival fibroblasts from patients with cicatricial pemphigoid. Roat MI, et al. **Arch Ophthalmol** 1989 Jul;107(7):1064–7

SKIN DISEASES, INFECTIOUS

Cytomegalovirus infection involving the skin in immunocompromised hosts. A clinicopathologic study. Lee JY. **Am J Clin Pathol** 1989 Jul;92(1):96–100 (29 ref.)

SKIN NEOPLASMS

Variations in the number and morphology of Langerhans' cells in the epidermal component of squamous cell carcinomas. Alcalay J, et al. **Arch Dermatol** 1989 Jul; 125(7):917–20

Cancer risk associated with therapeutic irradiation of skin. Burns FJ. **Arch Dermatol** 1989 Jul;125(7):979–81 (20 ref.)

Ultraviolet radiation, Langerhans' cells, and skin cancer. Conspiracy and failure. Cruz PD Jr, et al. **Arch Dermatol** 1989 Jul;125(7):975–9 (54 ref.)

Ulcerated tumor on the scalp. Clear-cell hidradenoma. Schweitzer WJ, et al. **Arch Dermatol** 1989 Jul;125(7):985–6, 989

Biodistribution of indium 111-labeled dihematoporphyrin ether in papillomas and body tissues. Relevance to photodynamic therapy. Shikowitz MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):845–7

Evaluation of staging workup in malignant melanoma. Khansur T, et al. **Arch Surg** 1989 Jul;124(7):847–9

Extra-pulmonary lymphomatoid granulomatosis [letter] Carmichael AJ, et al. **Br J Rheumatol** 1989 Aug;28(4):358–9

Intractible cutaneous non-Hodgkin's lymphoma of the lower limb. Complete remission after sequential regional isolated hyperthermic perfusion and perfusion with 1-phenylalanine-mustard (melphalan, L-Pam). Jansen RF, et al. **Cancer** 1989 Jul 15;64(2):392–5

Radiation therapy in lymphomatoid granulomatosis. Nair BD, et al. **Cancer** 1989 Aug 15;64(4):821–4

Papillomavirus infection and skin cancer in renal allograft recipients [letter] Barr BB, et al. **Lancet** 1989 Jul 22; 2(8656):224–5

Dermatofibromas and arthropod bites: is there any evidence to link the two? Evans J, et al. **Lancet** 1989 Jul 1; 2(8653):36–7

Nonfamilial cutaneous melanoma incidence in women associated with sun exposure before 20 years of age. Weinstock MA, et al. **Pediatrics** 1989 Aug;84(2):199–204

Sunburns, melanoma, and the pediatrician. Williams ML, et al. **Pediatrics** 1989 Aug;84(2):381–2

Superficial destruction of giant congenital nevocytic nevi [letter] Zitelli JA. **Plast Reconstr Surg** 1989 Aug; 84(2):374–5

SKIN PIGMENTATION

Skin colour and bilirubin in neonates. Knudsen A, et al. **Arch Dis Child** 1989 Apr;64(4):605–9

Harmful effects of ultraviolet radiation. Council on Scientific Affairs. **JAMA** 1989 Jul 21;262(3):380–4 (30 ref.)

SKIN TEMPERATURE

Cool fingers and pulse oximetry [letter] Paulus DA, et al. **Anesthesiology** 1989 Jul;71(1):168–9

SKULL

Transcranial resection of tumors of the paranasal sinuses and nasal cavity. Blacklock JB, et al. **J Neurosurg** 1989 Jul; 71(1):10–5

Cranial burr hole for revascularization in moyamoya disease. Endo M, et al. **J Neurosurg** 1989 Aug;71(2):180–5

SKULL FRACTURES

The changing picture of facial fractures. 5-Year review. Beck RA, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):826–9

Management of depressed skull fractures. Selective conservative management of nonmissile injuries. van den Heever CM, et al. **J Neurosurg** 1989 Aug;71(2):186–90

Orbital roof fractures in the pediatric population. Messinger A, et al. **Plast Reconstr Surg** 1989 Aug;84(2):213–6; discussion 217–8

SKULL NEOPLASMS

Otologic manifestations of Langerhans' cell histiocytosis. Cunningham MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):807–13

SLEEP

Breathing during wakefulness and sleep after human heart-lung transplantation. Sanders MH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):45–51

The thermal environment in which 3-4 month old infants sleep at home. Wailoo MP, et al. **Arch Dis Child** 1989 Apr; 64(4):600–4

Sleeping body temperatures in 3-4 month old infants. Wailoo MP, et al. **Arch Dis Child** 1989 Apr;64(4):596–9

Measurement of nocturnal sleep patterns in trauma patients. Fontaine DK. **Heart Lung** 1989 Jul;18(4):402–10

SLEEP APNEA SYNDROMES

Indications and standards for cardiopulmonary sleep studies [letter] Sackner MA. **Am Rev Respir Dis** 1989 Jul; 140(1):264–5

Uvulopalatopharyngoplasty: postoperative management and evaluation of results. Macaluso RA, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):502–7

Recurrence of sleep apnea syndrome following tracheostomy. A shift from obstructive to central apnea. Fletcher EC. **Chest** 1989 Jul;96(1):205–9

Periodic leg movements in sleep following treatment of obstructive sleep apnea with nasal continuous positive airway pressure. Fry JM, et al. **Chest** 1989 Jul;96(1):89–91

Obstructive sleep apnea syndrome in patients with class II malocclusion. Triplett WW, et al. **Mayo Clin Proc** 1989 Jun;64(6):644–52 (30 ref.)

Screening for sleep apnea [letter] Nestor JJ, et al. **West J Med** 1989 Jun;150(6):698

SLEEP DEPRIVATION

Sleep deprivation and performance of residents: the power of the study [letter] Pascoe JM. **JAMA** 1989 Aug 11; 262(6):775

SLEEP DISORDERS

MAOI-induced hypersomnia in patients with bulimia [letter] Gray GE. **Am J Psychiatry** 1989 Aug;146(8):1078

Sleep disturbance in cognitively impaired elderly person [letter] Leishman D, et al. **Am J Psychiatry** 1989 Aug; 146(8):1078–9

SLEEP, REM

Family histories of alcoholism in depressed patients: DST and REM latency findings [letter] Zammit G, et al. **Am J Psychiatry** 1989 Aug;146(8):1077

SLOW VIRUS DISEASES

Diagnosis of Gerstmann-Sträussler syndrome in familial dementia with prion protein gene analysis. Collinge J, et al. **Lancet** 1989 Jul 1;2(8653):15–7

Familial dementia with PrP-positive amyloid plaques: a variant of Gerstmann-Sträussler syndrome. Nochlin D, et al. **Neurology** 1989 Jul;39(7):910–8

SMOKE

Particle size distribution of mainstream tobacco and marijuana smoke. Analysis using the electrical aerosol analyzer. Anderson PJ, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):202–5

Firefighting acutely increases airway responsiveness. Sherman CB, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):185–90

Dioxins in cigarette smoke. Muto H, et al. **Arch Environ Health** 1989 May–Jun;44(3):171–4

SMOKING

Elimination of cotinine from body fluids: disposition in smokers and nonsmokers. Haley NJ, et al. **Am J Public Health** 1989 Aug;79(8):1046–8

The reliability of self-reported cigarette consumption in the United States. Hatziandreu EJ, et al. **Am J Public Health** 1989 Aug;79(8):1020–3

Smoking literature and literacy levels [letter] Jaycox S. **Am J Public Health** 1989 Aug;79(8):1058

A case-control study of pancreatic cancer and cigarettes, alcohol, coffee and diet. Olsen GW, et al. **Am J Public Health** 1989 Aug;79(8):1016–9

Use of smokeless tobacco, cigarette smoking, and hypercholesterolemia. Tucker LA. **Am J Public Health** 1989 Aug;79(8):1048–50

Smoking habit and bronchial reactivity in normal subjects. A population-based study. Cerveri I, et al. **Am Rev Respir Dis** 1989 Jul;140(1):191–6

The role of allergy and nonspecific airway hyperresponsiveness in the pathogenesis of chronic obstructive pulmonary disease. O'Connor GT, et al. **Am Rev Respir Dis** 1989 Jul;140(1):225–52 (227 ref.)

Smoking cessation counseling during periodic health examinations. Bronson DL, et al. **Arch Intern Med** 1989 Jul;149(7):1653–6

Cigarette smoking and serum lipid and lipoprotein concentrations [letter] Cade J, et al. **BMJ** 1989 May 13; 298(6683):1312

Smoking and leanness: evidence for change in Finland. Marti B, et al. **BMJ** 1989 May 13;298(6683):1287–90

The National Cancer Institute's Smoking, Tobacco, and Cancer Program. Cullen JW. **Chest** 1989 Jul;96(1 Suppl):9S–13S

Role of the physician as opinion leader in tobacco control. Kunze M. **Chest** 1989 Jul;96(1 Suppl):13S–14S

Carotid arteriosclerosis in identical twins discordant for cigarette smoking. Haapanen A, et al. **Circulation** 1989 Jul; 80(1):10–6

Identification of drug interactions by meta-analysis of premarketing trials: the effect of smoking on the pharmacokinetics and dosage requirements for flecainide acetate. Holtzman JL, et al. **Clin Pharmacol Ther** 1989 Jul; 46(1):1–8

The American College of Cardiology and a smoke-free America [news] Conti CR. **J Am Coll Cardiol** 1989 Jul; 14(1):262

The impact of a total ban on smoking in the Johns Hopkins Children's Center. Becker DM, et al. **JAMA** 1989 Aug 11;262(6):799–802

From the Alcohol, Drug Abuse, and Mental Health Administration. Goodwin FK. **JAMA** 1989 Jul 21; 262(3):331

Quitting smoking: nicotine vs placebo gum [letter] Jacobson TA. **JAMA** 1989 Aug 11;262(6):773–4

Lung cancer mortality among nonsmoking uranium miners exposed to radon daughters. Roscoe RJ, et al. **JAMA** 1989 Aug 4;262(5):629–33

Exposure to cigarette smoke and cervical cancer [letter] Zang

EA, et al. JAMA 1989 Jul 28;262(4):499
Cigarettes and heart disease [letter] Fehily AM, et al. **Lancet** 1989 Jul 8;2(8654):114–5
Tobacco and the Karolinska [letter] Holm LE. **Lancet** 1989 Jul 8;2(8654):106–7
Oral contraceptives, tobacco smoking, and breast cancer risk [letter] Trichopoulos D, et al. **Lancet** 1989 Jul 15; 2(8655):158
Smoking, anesthesia, and coronary bypass operation: a witches' cauldron? Gomez MN, et al. **Mayo Clin Proc** 1989 Jun;64(6):708–11
Role of preoperative cessation of smoking and other factors in postoperative pulmonary complications: a blinded prospective study of coronary artery bypass patients. Warner MA, et al. **Mayo Clin Proc** 1989 Jun;64(6):609–16
One more good reason for not smoking [letter] Moxon RK. **Postgrad Med** 1989 Jul;86(1):30

SOCIAL ADJUSTMENT

Social adjustment in affective disorders [letter] Klein DN. **Am J Psychiatry** 1989 Aug;146(8):1086–7
Psychosocial adjustment after mastectomy and breast-conserving treatment. Holmberg L, et al. **Cancer** 1989 Aug 15;64(4):969–74
Child abduction. Parent and child functioning following return. Forehand R, et al. **Clin Pediatr (Phila)** 1989 Jul; 28(7):311–6
Personal adjustments and regimen compliance 1 year after myocardial infarction. Miller P, et al. **Heart Lung** 1989 Jul; 18(4):339–46

SOCIAL BEHAVIOR

Personal and environmental determinants of activity involvement among elderly residents of congregate facilities. Lemke S, et al. **J Gerontol** 1989 Jul;44(4):S139–48

SOCIAL CLASS

Health inequalities in Britain and Sweden. Vågerö D, et al. **Lancet** 1989 Jul 1;2(8653):35–6

SOCIAL ENVIRONMENT

Individual differences in locus of control during the second half of the life span for identical and fraternal twins reared apart and reared together. Pedersen NL, et al. **J Gerontol** 1989 Jul;44(4):P100–5
Mortality decline and Chinese family structure: implications for old age support. Tu EJ, et al. **J Gerontol** 1989 Jul; 44(4):S157–68
Student attrition: is lack of support a key? Marshall JE. **Nurs Outlook** 1989 Jul–Aug;37(4):176–8
Psychosocial predictors of pregnancy outcomes in low-income black, Hispanic, and white women. Norbeck JS, et al. **Nurs Res** 1989 Jul–Aug;38(4):204–9

SOCIAL PERCEPTION

Psychosocial changes perceived by closed-head-injured adults and their families. Hendryx PM. **Arch Phys Med Rehabil** 1989 Jul;70(7):526–30

SOCIAL SECURITY

Supplemental Security Income benefits for children [letter] Stein JM. **Pediatrics** 1989 Aug;84(2):401

SOCIETIES, MEDICAL

125th anniversary of the New York Ophthalmological Society. Ferry AP. **Am J Ophthalmol** 1989 Jul 15; 108(1):97–9
American College of Physicians Ethics Manual. Part 1: History; the patient; other physicians. American College of Physicians. **Ann Intern Med** 1989 Aug 1;111(3):245–52
What are the primary goals of the American College of Rheumatology? [letter] Plotz CM. **Arthritis Rheum** 1989 Jul;32(7):936
Profile of the GMC. 1978 and all that. Smith R. **BMJ** 1989 May 13;298(6683):1297–300

SODIUM

Management of chronic blepharitis [letter] Coroneo M. **Arch Ophthalmol** 1989 Jul;107(7):951–2

SODIUM CHANNELS

Membrane lipid alterations and Na+-pumping activity in erythrocytes from IDDM and NIDDM subjects. Baldini P, et al. **Diabetes** 1989 Jul;38(7):825–31
Expression of diverse Na+ channel messenger RNAs in rat myocardium. Evidence for a cardiac-specific Na+ channel. Sills MN, et al. **J Clin Invest** 1989 Jul;84(1):331–6

SODIUM CHLORIDE

Saline solution amnioinfusion for oligohydramnios after premature rupture of the membranes. A preliminary report. Imanaka M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):102–6
Hypertonic saline-dextran resuscitation of acute canine bile-induced pancreatitis. Horton JW, et al. **Am J Surg** 1989 Jul;158(1):48–56
Acute treatment after accidental intrathecal injection of hypertonic contrast media [letter] Tartiere J, et al. **Anesthesiology** 1989 Jul;71(1):169
Mechanisms by which low salt condition increases sensitivity of thyroid stimulating antibody assay. Kosugi S, et al. **Endocrinology** 1989 Jul;125(1):410–7
Intravenous urea and saline for hyponatremia [letter] Wise BL. **J Neurosurg** 1989 Aug;71(2):304–5
Hypertonic saline fluid therapy following surgery: a prospective study. Cross JS, et al. **J Trauma** 1989 Jun; 29(6):817–25; discussion 825–6
Hypertonic saline for postoperative fluid therapy: salient features [editorial] Shackford SR. **J Trauma** 1989 Jun; 29(6):894
Salt and blood pressure [letter] Cheng TO. **Lancet** 1989 Jul 22;2(8656):214–5

SOFT TISSUE NEOPLASMS

The radiologic manifestations of alveolar soft-part sarcoma. Lorigan JG, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):335–9
Management of extremity soft-tissue sarcoma. Brennan MF. **Am J Surg** 1989 Jul;158(1):71–8 (66 ref.)
Wound complications of adjuvant radiation therapy in patients with soft-tissue sarcomas. Ormsby MV, et al. **Ann Surg** 1989 Jul;210(1):93–9
Pathologic quiz case 1. Intramuscular hemangioma, small vessel type, masseter muscle (also known as infiltrating angiolipoma). Rushin JM, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):878–81
Dermatofibrosarcoma protuberans with fibrosarcomatous areas. A clinicopathologic study of nine cases and a comparison with allied tumors. Ding J, et al. **Cancer** 1989 Aug 1;64(3):721–9
Results of regional isolation perfusion with cytostatics in patients with soft tissue tumors of the extremities. Klaase JM, et al. **Cancer** 1989 Aug 1;64(3):616–21
Soft tissue fibrosarcoma. A clinicopathologic study of 132 cases. Scott SM, et al. **Cancer** 1989 Aug 15;64(4):925–31 (21 ref.)
Pathologic analysis of advanced adult soft tissue sarcomas, bone sarcomas, and mesotheliomas. The Eastern Cooperative Oncology Group (ECOG) experience. Shiraki M, et al. **Cancer** 1989 Jul 15;64(2):484–90
Alveolar rhabdomyosarcoma metastatic to the ovary. A report of two cases and a discussion of the differential diagnosis of small cell malignant tumors of the ovary. Young RH, et al. **Cancer** 1989 Aug 15;64(4):899–904
Magnetic resonance imaging of musculoskeletal neoplasms. Berquist TH. **Clin Orthop** 1989 Jul;(244):101–18 (49 ref.)
Oncogenic osteomalacia. A case report. McGuire MH, et al. **Clin Orthop** 1989 Jul;(244):305–8
Congenital soft-part chondroma. A case report. Miki T, et al. **Clin Orthop** 1989 Jul;(244):244–8
Radiation therapy in the treatment of bone and soft tissue sarcomas. Kalnicki S. **Orthop Clin North Am** 1989 Jul; 20(3):505–12 (43 ref.)

SOFTWARE

Individual outcome prediction models for intensive care units. Chang RW. **Lancet** 1989 Jul 15;2(8655):143–6

SOMAN

Molecular analysis and fine specificity of antibodies against an organophosphorus hapten. Buenafe AC, et al. **J Immunol** 1989 Jul 15;143(2):539–45

SOMATOMEDINS

Insulinlike growth factors in patients with active nephrotic syndrome. Garin EH, et al. **Am J Dis Child** 1989 Jul; 143(7):865–7
Chondrocyte nonresponsiveness to insulin-like growth factor 1 in experimental arthritis. Schalkwijk J, et al. **Arthritis Rheum** 1989 Jul;32(7):894–900
Normal somatomedin-C activity measured by radioimmunoassay in Perthes' disease. Kitsugi T, et al. **Clin Orthop** 1989 Jul;(244):217–21
Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Hernandez ER, et al. **Endocrinology** 1989 Jul;125(1):572–4
Dexamethasone inhibits growth hormone induction of insulin-like growth factor-I (IGF-I) messenger ribonucleic acid (mRNA) in hypophysectomized rats and reduces IGF-I mRNA abundance in the intact rat. Luo JM, et al. **Endocrinology** 1989 Jul;125(1):165–71
Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Werner H, et al. **Endocrinology** 1989 Jul;125(1):314–20
Growth hormone deficiency impedes the rise in plasma insulin-like growth factor I levels associated with precocious puberty. Cara JF, et al. **J Pediatr** 1989 Jul; 115(1):64–8
Somatomedin-A inhibits glucagon-stimulated hepatic gluconeogenesis. Amaral JF, et al. **J Trauma** 1989 Jun; 29(6):842–6

SOMATOSENSORY CORTEX

Visual, vestibular and somatosensory contributions to balance control in the older adult. Manchester D, et al. **J Gerontol** 1989 Jul;44(4):M118–27

SOMATOSTATIN

Sexual dimorphism and testosterone-dependent regulation of somatostatin gene expression in the periventricular nucleus of the rat brain. Chowen-Breed JA, et al. **Endocrinology** 1989 Jul;125(1):357–62
Somatostatin gene expression in the thymus gland. Fuller PJ, et al. **J Immunol** 1989 Aug 1;143(3):1015–7

SOMATOTROPIN

Growth hormone secretion in Turner's syndrome and influence of oxandrolone and ethinyl oestradiol. Massarano AA, et al. **Arch Dis Child** 1989 Apr;64(4):587–92
Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. Chipkin SR, et al. **Endocrinology** 1989 Jul;125(1):450–8
Free fatty acids suppress growth hormone, but not luteinizing hormone, secretion in sheep. Estienne MJ, et al. **Endocrinology** 1989 Jul;125(1):85–91
Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Foster DL, et al. **Endocrinology** 1989 Jul; 125(1):342–50
Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Landefeld TD, et al. **Endocrinology** 1989 Jul;125(1):351–6
Dexamethasone inhibits growth hormone induction of insulin-like growth factor-I (IGF-I) messenger ribonucleic acid (mRNA) in hypophysectomized rats and reduces IGF-I mRNA abundance in the intact rat. Luo JM, et al. **Endocrinology** 1989 Jul;125(1):165–71
Glycosylated human growth hormone variant. Ray J, et al. **Endocrinology** 1989 Jul;125(1):566–8
Heat shock of cultured GC cells enhances the level of triiodothyronine induced growth hormone (GH) and GH messenger ribonucleic acid. Shapiro LE, et al. **Endocrinology** 1989 Jul;125(1):180–5
Pituitary immediate release pools of growth hormone and prolactin are preferentially refilled by new rather than stored hormone. Stachura ME, et al. **Endocrinology** 1989 Jul;125(1):444–9
Differences in the developmental patterns of somatotrophic and lactogenic receptors in rabbit liver cytosol. Ymer SI, et al. **Endocrinology** 1989 Jul;125(1):516–23
Growth hormone deficiency impedes the rise in plasma insulin-like growth factor I levels associated with precocious puberty. Cara JF, et al. **J Pediatr** 1989 Jul; 115(1):64–8
Growth hormone secretory profiles: variation on consecutive nights. Donaldson DL, et al. **J Pediatr** 1989 Jul;115(1):51–6
Growth hormone testing in short children and their response to growth hormone therapy. Lin TH, et al. **J Pediatr** 1989 Jul;115(1):57–63

SOTALOL

Usefulness of sotalol in suppressing ventricular tachycardia or ventricular fibrillation in patients with healed myocardial infarcts. Kuchar DL, et al. **Am J Cardiol** 1989 Jul 1; 64(1):33–6

SPACE PERCEPTION

Remembering faces and drawings: a test of Hasher & Zacks' model of automatic processing in a Turkish sample. Ozekes M, et al. **J Gerontol** 1989 Jul;44(4):P122–3

SPARGANOSIS

Sparganosis of the brain. Case report. Anegawa S, et al. **J Neurosurg** 1989 Aug;71(2):287–9
Sparganosis of the spinal cord. Case report. Fung CF, et al. **J Neurosurg** 1989 Aug;71(2):290–2

SPECIALTIES, MEDICAL

Effect on ICU mortality of a full-time critical care specialist. Brown JJ, et al. **Chest** 1989 Jul;96(1):127–9
Pediatric emergency medicine: a developing subspecialty. Li M, et al. **Pediatrics** 1989 Aug;84(2):336–42
On dismemberment of the corpus of medicine. Watts MS. **West J Med** 1989 May;150(5):578

SPECIES SPECIFICITY

Murine natural suppressor cells in the newborn, in bone marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. Maier T, et al. **J Immunol** 1989 Jul 15;143(2):491–8

SPECIMEN HANDLING

Heparin and suspected Sanfillipo syndrome [letter] Henderson MJ, et al. **Arch Dis Child** 1989 Apr;64(4):633–4
Transvaginal oocyte aspiration and pelvic infection [letter] Børlum KG, et al. **Lancet** 1989 Jul 1;2(8653):53
Posturination time and specific gravity in infants' diapers. Stebor AD. **Nurs Res** 1989 Jul–Aug;38(4):244–5
Transcervical uterine cultures with a new endometrial suction curette: a comparison of three sampling methods in postpartum endometritis. Martens MG, et al. **Obstet Gynecol** 1989 Aug;74(2):273–6

SPECTROMETRY, FLUORESCENCE

Spectral diagnosis of atherosclerosis using an optical fiber laser catheter. Richards–Kortum R, et al. **Am Heart J** 1989 Aug;118(2):381–91

SPEECH INTELLIGIBILITY

Improved hearing and improved speech [letter] Dellon AL. **Plast Reconstr Surg** 1989 Aug;84(2):369–70

SPEECH PERCEPTION

Age and decision strategies in running memory for speech: effects of prosody and linguistic structure. Wingfield A, et al. **J Gerontol** 1989 Jul;44(4):P106–13

SPERM–OVUM INTERACTIONS

Significance of D–mannose as a sperm receptor site on the zona pellucida in human fertilization. Mori K, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):207–11

SPERMATIC CORD

Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358–60

SPERMATOGENESIS

Germ cell function and hormonal status in patients with testicular cancer. Hansen PV, et al. **Cancer** 1989 Aug 15; 64(4):956–61

SPERMATOZOA

Significance of D–mannose as a sperm receptor site on the zona pellucida in human fertilization. Mori K, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):207–11

SPHENOID BONE

A pneumatized anterior clinoid mimicking an aneurysm on MR imaging. Report of two cases. Gean AD, et al. **J Neurosurg** 1989 Jul;71(1):128–32

SPHENOID SINUS

Pathologic quiz case 2. Fibromyxoma of the ethmoidal sinus with secondary sphenoidal sinus mucocele. Alleva MD, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul; 115(7):878–9, 881
Marrow conversion before pneumatization of the sphenoid sinus: assessment with MR imaging. Aoki S, et al. **Radiology** 1989 Aug;172(2):373–5

SPINA BIFIDA

Valproate and spina bifida. Oakeshott P, et al. **BMJ** 1989 May 13;298(6683):1300–1
Orthopaedic Management of High–Level Spina Bifida. Early Walking Compared With Early Use of a Wheelchair [letter] Lynn MD. **J Bone Joint Surg [Am]** 1989 Jul;71(6):953

SPINAL CORD

Spinal cord transmission of impulses during high spinal anesthesia as measured by cortical evoked potentials. Lang E, et al. **Anesth Analg** 1989 Jul;69(1):881–6
Anterior spinal artery syndrome in systemic lupus erythematosus. Markusse HM, et al. **Br J Rheumatol** 1989 Aug;28(4):344–6
The transoral approach to the superior cervical spine. A review of 53 cases of extradural cervicomedullary compression. Hadley MN, et al. **J Neurosurg** 1989 Jul; 71(1):16–23

SPINAL CORD COMPRESSION

Foramen magnum syndrome from pseudogout of the atlanto–occipital ligament. Case report. Ciricillo SF, et al. **J Neurosurg** 1989 Jul;71(1):141–3
The transoral approach to the superior cervical spine. A review of 53 cases of extradural cervicomedullary compression. Hadley MN, et al. **J Neurosurg** 1989 Jul; 71(1):16–23
The role of surgical management for symptomatic spinal cord compression in patients with metastatic prostate cancer. Shoskes DA, et al. **J Urol** 1989 Aug;142(2):337–9

SPINAL CORD DISEASES

Sparganosis of the spinal cord. Case report. Fung CF, et al. **J Neurosurg** 1989 Aug;71(2):290–2
Nonoperative treatment of spinal epidural infections. Mampalam TJ, et al. **J Neurosurg** 1989 Aug;71(2):208–10
Dissociation of AIDS–related vacuolar myelopathy and productive HIV–1 infection of the spinal cord. Rosenblum M, et al. **Neurology** 1989 Jul;39(7):892–6

SPINAL CORD INJURIES

Management of reflex sweating in spinal cord injured patients. Staas WE Jr, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):544–6
The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. Hellstrom WJ, et al. **J Urol** 1989 Aug;142(2):309–12
Central cervical spinal cord syndrome due to minor hyperextension injury. Peterson DI, et al. **West J Med** 1989 Jun;150(6):691–4

SPINAL CORD NEOPLASMS

Contrast enhancement in spinal MR imaging. Breger RK, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):387–91

SPINAL DISEASES

MR imaging characteristics of tuberculous spondylitis vs vertebral osteomyelitis. Smith AS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):399–405
Gradient–echo MR imaging of the cervical spine: evaluation of extradural disease. VanDyke C, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):393–8
Magnetic resonance imaging of the spine. Berns DH, et al. **Clin Orthop** 1989 Jul;(244):78–100 (80 ref.)
Spinal epidural abscess. An infectious emergency. Case report and review. Rockney R, et al. **Clin Pediatr (Phila)** 1989 Jul;28(7):332–4 (4 ref.)
Gas–containing cyst in the epidural space [letter] Beatty RA. **J Neurosurg** 1989 Aug;71(2):306
Nocardial spinal epidural abscess. Siao P, et al. **Neurology** 1989 Jul;39(7):996

SPINAL FUSION

Fatal air embolism in an adolescent with Duchenne muscular dystrophy during Harrington instrumentation. Lang SA, et al. **Anesth Analg** 1989 Jul;69(1):998–1000
Anterior Zielke instrumentation for spinal deformity in adults. Kostuik JP, et al. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):898–912

SPINAL INJURIES

Vertebral compression fractures: distinction between benign and malignant causes with MR imaging. Yuh WT, et al. **Radiology** 1989 Jul;172(1):215–8

SPINAL NEOPLASMS

Contrast enhancement in spinal MR imaging. Breger RK, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):387–91
Vertebral compression fractures: distinction between benign and malignant causes with MR imaging. Yuh WT, et al. **Radiology** 1989 Jul;172(1):215–8

SPINAL NERVE ROOTS

Neural stimulation for control of voiding dysfunction: a preliminary report in 22 patients with serious neuropathic voiding disorders. Tanagho EA, et al. **J Urol** 1989 Aug; 142(2):340–5

SPINAL OSTEOPHYTOSIS

DISH ... a state not a disease? [editorial] Hutton C. **Br J Rheumatol** 1989 Aug;28(4):277–8
Diffuse idiopathic skeletal hyperostosis (DISH) of the spine: a cause of back pain? A controlled study. Schlapbach P, et al. **Br J Rheumatol** 1989 Aug;28(4):299–303 (21 ref.)

SPINAL PUNCTURE

Bed rest and postlumbar puncture headache. The effectiveness of 24 hours' recumbency in reducing the incidence of postlumbar puncture headache. Cook PT, et al. **Anaesthesia** 1989 May;44(5):389–91
Fluid flow through dural puncture sites. An in vitro comparison of needle point types. Cruickshank RH, et al. **Anaesthesia** 1989 May;44(5):415–8

SPINE

VATER association. A unifying concept of multiple anomalies. Beals RK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):948–50 (21 ref.)

SPLEEN

Assessment of tissue iron overload by nuclear magnetic resonance imaging. Johnston DL, et al. **Am J Med** 1989 Jul;87(1):40–7
Diagnosis of thoracic splenosis by tru–cut needle biopsy. Gaines JJ, et al. **Am Rev Respir Dis** 1986 Jun; 133(6):1199–201
Newborn splenic volumes vary under different malaria endemic conditions. Corkill JA, et al. **Arch Dis Child** 1989 Apr;64(4):541–5
Posttraumatic autotransplantation of spleen tissue. Mizrahi S, et al. **Arch Surg** 1989 Jul;124(7):863–5

SPLENECTOMY

Immune thrombocytopenia in hemophiliacs infected with human immunodeficiency virus and their response to splenectomy. Kim HC, et al. **Arch Intern Med** 1989 Jul; 149(7):1685–8
Incidence of septic and thromboembolic–related deaths after splenectomy in adults. Pimpl W, et al. **Br J Surg** 1989 May; 76(5):517–21

SPLENIC VEIN

Development of large spleno–adreno–renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421–6

SPONDYLITIS

MR imaging characteristics of tuberculous spondylitis vs vertebral osteomyelitis. Smith AS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):399–405

SPONDYLITIS, ANKYLOSING

Cardiac valvular dysfunction associated with Crohn's disease in the absence of ankylosing spondylitis. Burdick S, et al. **Am Heart J** 1989 Jul;118(1):174–6
Characterization of the class I HLA 9.2–kb PVU II restriction fragment length polymorphism. Linkage to HLA–A and lack of disease association. Ahearn JM Jr, et al. **Arthritis Rheum** 1989 Jul;32(7):870–6
Ankylosing spondylitis and exercise [letter] Richards AJ. **Br J Rheumatol** 1989 Aug;28(4):365
Ankylosing spondylitis. An optimistic outlook. Lisse JR. **Postgrad Med** 1989 Jul;86(1):147–8, 151–3 (18 ref.)

SPOROTRICHOSIS

Empyema associated with pulmonary sporotrichosis. Fields CL, et al. **South Med J** 1989 Jul;82(7):910–3

SPORTS

Prevalence of multivalvular regurgitation in athletes. Douglas PS, et al. **Am J Cardiol** 1989 Jul 15;64(3):209–12
A case–control study of pedestrian and bicyclist injuries in childhood. Pless IB, et al. **Am J Public Health** 1989 Aug; 79(8):995–8
Dietary intakes of female college athletes: the need for nutrition education. Tilgner SA, et al. **J Am Diet Assoc** 1989 Jul;89(7):967–9
Oxygen and athletes [editorial] Cooper KH, et al. **JAMA** 1989 Jul 14;262(2):264
Effects of 100% oxygen on performance of professional soccer players. Winter FD Jr, et al. **JAMA** 1989 Jul 14; 262(2):227–9
American Academy of Pediatrics: Committee on Sports Medicine: Amenorrhea in adolescent athletes. **Pediatrics** 1989 Aug;84(2):394–5

SPOUSE ABUSE

Head injury and marital aggression. Rosenbaum A, et al. **Am J Psychiatry** 1989 Aug;146(8):1048–51

SPUTUM

Sputum induction for diagnosis of Pneumocystis carinii pneumonia. Leigh TR, et al. **Lancet** 1989 Jul 22; 2(8656):205–6

STAPHYLOCOCCAL INFECTIONS

Pyomyositis in a child with acquired immunodeficiency syndrome. Patient report and brief review. Raphael SA, et al. **Am J Dis Child** 1989 Jul;143(7):779–81
Toxic shock syndrome caused by a strain of Staphylococcus aureus that produces enterotoxin C but not toxic shock syndrome toxin–1. Rizkallah MF, et al. **Am J Dis Child** 1989 Jul;143(7):848–9
Methicillin–resistant staphylococcal mastitis. Kalstone C. **Am J Obstet Gynecol** 1989 Jul;161(1):120
Opsonic activity in serum from septic infants treated with intravenous immunoglobulin. Maródi L, et al. **Arch Dis Child** 1989 Apr;64(4):530–4
Staphylococcus aureus septicaemia: the initial presentation of polyarteritis nodosa. O'Sullivan J, et al. **Br J Rheumatol** 1989 Aug;28(4):347–9
Echocardiographic detection of an infected superior vena caval thrombus presenting as a right atrial mass. Dick AE, et al. **Chest** 1989 Jul;96(1):212–4
Spinal epidural abscess. An infectious emergency. Case report and review. Rockney R, et al. **Clin Pediatr (Phila)** 1989

Jul;28(7):332–4 (4 ref.)
Nonoperative treatment of spinal epidural infections. Mampalam TJ, et al. **J Neurosurg** 1989 Aug;71(2):208–10
Immune enhancement by tumor necrosis factor-alpha improves antibiotic efficacy after hemorrhagic shock. Livingston DH, et al. **J Trauma** 1989 Jul;29(7):967–70; discussion 970–1

STAPHYLOCOCCAL PROTEIN A

The Fc binding site for streptococcal protein G is in the C gamma 2–C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. Stone GC, et al. **J Immunol** 1989 Jul 15;143(2):565–70

STAPHYLOCOCCUS AUREUS

Immunomodulatory activity of staphylococcal enterotoxin-B. The induction of an I-J-restricted suppressor factor. Taub DD, et al. **J Immunol** 1989 Aug 1;143(3):813–20

STARTLE REACTION

Startle modulation in children with posttraumatic stress disorder. Ornitz EM, et al. **Am J Psychiatry** 1989 Jul; 146(7):866–70

STARVATION

Tumor necrosis factor production during starvation. Vaisman N, et al. **Am J Med** 1989 Jul;87(1):115

STATE HEALTH PLANS

Model Standards impact on local health department performance in California. Spain C, et al. **Am J Public Health** 1989 Aug;79(8):969–74

STATE MEDICINE

The homeless and the changing British National Health Service [editorial] Reid J. **Am J Public Health** 1989 Aug; 79(8):965–6
National Health Service White Paper. Will it work for patients? Appleyard WJ. **Arch Dis Child** 1989 Apr; 64(4):643–5
NHS review: the first three months [editorial] Butler JR. **BMJ** 1989 Apr 29;298(6681):1128–9
NHS review. Words from the source: an interview with Alain Enthoven [interview by Robert Smith] Enthoven A. **BMJ** 1989 Apr 29;298(6681):1166–8
Medicine for sale. Silver GA. **Lancet** 1989 Jul 8;2(8654):95

STATISTICS

Between- and within-subject variation in nutrient intake from infancy to old age: estimating the number of days required to rank dietary intakes with desired precision. Nelson M, et al. **Am J Clin Nutr** 1989 Jul;50(1):155–67
Praise for useful words [editorial] Brown GW. **Am J Dis Child** 1989 Jul;143(7):770
Not really reliability? [letter] Stratford PW. **Phys Ther** 1989 Aug;69(8):700–2

STELLATE GANGLION

Stellate ganglion block with bupivacaine. Minimum effective concentration of bupivacaine and the effect of added potassium. Hardy PA. **Anaesthesia** 1989 May;44(5):398–9

STEM CELLS

An ongoing in vivo immune response affects the abundancy and differentiation of lymphokine-activated killer cell precursors, but does not influence their broad spectrum target reactivity. Vanhaesebroeck B, et al. **J Immunol** 1989 Aug 15;143(4):1396–402

STEREOTAXIC TECHNICS

Needle localization of nonpalpable breast lesions with current dedicated mammographic systems [letter] Yagan R, et al. **Radiology** 1989 Aug;172(2):580–1

STERILIZATION

Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Pepose JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):983–5
Contamination of endoscopes used in AIDS patients. Hanson PJ, et al. **Lancet** 1989 Jul 8;2(8654):86–8
"Boil the water" [letter] Mayon-White RT, et al. **Lancet** 1989 Jul 22;2(8656):216

STERILIZATION, SEXUAL

Postoperative pain after laparoscopic sterilisation [letter] McKenzie R. **Anaesthesia** 1989 May;44(5):450

STERILIZATION, TUBAL

Changes in menstrual symptoms among sterilized and comparison women: a prospective study. Rulin MC, et al. **Obstet Gynecol** 1989 Aug;74(2):149–54

STERNOCLAVICULAR JOINT

A unified approach to symptomatic juxtasternal arthritis and enthesitis. Katz ME, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):327–33

STERNUM

Poststernotomy neuralgia: a new pain syndrome. Defalque RJ, et al. **Anesth Analg** 1989 Jul;69(1):947–8

STEROIDS

Diet and fecal steroid profile in a South Asian population with a low colon-cancer rate. McKeigue PM, et al. **Am J Clin Nutr** 1989 Jul;50(1):151–4
Regulation of steroidogenesis in cultured porcine theca cells by growth factors. Caubo B, et al. **Endocrinology** 1989 Jul; 125(1):321–6
Histamine affects testicular steroid production in the golden hamster. Mayerhofer A, et al. **Endocrinology** 1989 Jul; 125(1):560–2

STOMACH

Electrical activity recorded from abdominal surface after gastrectomy or colectomy in humans. Pezzolla F, et al. **Gastroenterology** 1989 Aug;97(2):313–20
Gastrojejunostomy with mechanical suspension of the afferent loop. Carabalona BJ, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):65–6

STOMACH DISEASES

Gastroparesis following traumatic brain injury and response to metoclopramide therapy. Jackson MD, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):553–5
Tumor-associated gastroparesis with esophageal carcinoma. Use of intravenous metoclopramide during radionuclide gastric emptying studies to predict clinical response. Choe AI, et al. **Dig Dis Sci** 1989 Jul;34(7):1132–4
Subtle gastric abnormalities in a canine model: detection with low-dose imaging with storage phosphors and its equivalence to conventional radiography. Shin JH, et al. **Radiology** 1989 Aug;172(2):399–401

STOMACH NEOPLASMS

Complete ten-year postgastrectomy follow-up of early gastric cancer. Itoh H, et al. **Am J Surg** 1989 Jul;158(1):14–6
The mucosa of the gastric remnant harboring malignancy. Histologic findings in the biopsy specimens of 504 asymptomatic patients 15 to 46 years after partial gastrectomy with emphasis on nonmalignant lesions. Offerhaus GJ, et al. **Cancer** 1989 Aug 1;64(3):698–703

STOMACH ULCER

Operative mortality after perforated peptic ulcer. Ball AB, et al. **Br J Surg** 1989 May;76(5):521–2
Randomized, double-blind comparison of famotidine with ranitidine in treatment of acute, benign gastric ulcer disease. Community-based study coupled with a patient registry. Brazer SR, et al. **Dig Dis Sci** 1989 Jul;34(7):1047–52
Gastric ulcer healing after laser treatment in dogs. Marcuard SP, et al. **Dig Dis Sci** 1989 Jul;34(7):1053–6
Effects of NC-1300, a gastric proton pump inhibitor, on healing of acetic acid-induced gastric ulcers in rats. Okabe S, et al. **Dig Dis Sci** 1989 Jul;34(7):1035–42
Prostaglandin protection against hemorrhage-induced gastric stress ulceration in the rat. Ranta-Knuuttila T, et al. **Dig Dis Sci** 1989 Jul;34(7):1028–34
Surfactant approach to the gastric mucosal barrier: protection of rats by banana even when acidified. Hills BA, et al. **Gastroenterology** 1989 Aug;97(2):294–303
Bilateral adrenalectomy worsens gastric mucosal lesions induced by indomethacin in the rat. Role of enhanced gastric motility. Takeuchi K, et al. **Gastroenterology** 1989 Aug;97(2):284–93
Gastropyloric ulcers related to 'crack' [letter] Abramson DL, et al. **JAMA** 1989 Aug 4;262(5):617–8
Omeprazole versus ranitidine for gastric ulcer [letter] **N Engl J Med** 1989 Jul 20;321(3):191–2
Intra-aortic balloon counterpulsation in high-risk cardiac patients undergoing noncardiac surgery. Grotz RL, et al. **Surgery** 1989 Jul;106(1):1–5

STOMATITIS

Nonhealing ulceration of oral mucosa. Dodson TB, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):849–52

STREET DRUGS

Urine drug screening in mothers and newborns. Osterloh JD, et al. **Am J Dis Child** 1989 Jul;143(7):791–3
American Academy of Pediatrics Committee on Adolescence, Committee on Bioethics, and Provisional Committee on Substance Abuse: Screening for drugs of abuse in children and adolescents. **Pediatrics** 1989 Aug; 84(2):396–8

STREPTOCOCCAL INFECTIONS

The diagnosis of group A, beta-hemolytic streptococcal pharyngitis in the office setting [letter] Kellogg JA. **Am J Dis Child** 1989 Jul;143(7):761–2
Penicillin and clindamycin therapy in recurrent tonsillitis. Effect of microbial flora. Foote PA Jr, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):856–9
Antibiotics in endocarditis due to nutritionally deficient streptococci [letter] Stein DS, et al. **JAMA** 1989 Aug 4; 262(5):618
Infections due to Lancefield group C streptococci. Salata RA, et al. **Medicine (Baltimore)** 1989 Jul;68(4):225–39 (107 ref.)
Spontaneous streptococcal gangrenous myositis: survival with early debridement. Doebbeling BN, et al. **South Med J** 1989 Jul;82(7):900–2

STREPTOCOCCUS

Non-group A streptococci in the pharynx. Pathogens or innocent bystanders? Hayden GF, et al. **Am J Dis Child** 1989 Jul;143(7):794–7

STREPTOCOCCUS PYOGENES

Evidence of inherited susceptibility of increased streptococcal adherence to pharyngeal cells of children with rheumatic fever. Hafez M, et al. **Br J Rheumatol** 1989 Aug;28(4):304–9
Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142–8

STREPTOKINASE

Exercise-induced ischemia in the streptokinase-reperfused myocardium: relationship to extent of salvaged myocardium and degree of residual coronary stenosis. Weiss AT, et al. **Am Heart J** 1989 Jul;118(1):9–16
A symposium: Early intervention in the treatment of acute myocardial infarction—clinical profile of Eminase (APSAC). November 12, 1988, Washington, D.C. **Am J Cardiol** 1989 Jul 5;64(2):1A–42A
Reperfusion, patency and reocclusion with anistreplase (APSAC) in acute myocardial infarction. Anderson JL. **Am J Cardiol** 1989 Jul 5;64(2):12A–17A; discussion 24A–26A (31 ref.)
Limitation of myocardial infarct size and preservation of left ventricular function by early administration of APSAC in myocardial infarction. Bassand JP, et al. **Am J Cardiol** 1989 Jul 5;64(2):18A–23A; discussion 24A–26A
Prehospital use of APSAC: results of a placebo-controlled study. Castaigne AD, et al. **Am J Cardiol** 1989 Jul 5; 64(2):30A–33A; discussion 41A–42A
Increased survival after APSAC: 30-day and 12-month mortality data from the APSAC Intervention Mortality Study. Julian DG. **Am J Cardiol** 1989 Jul 5;64(2):27A–29A; discussion 41A–42A
Potential use of thrombolytic therapy before hospitalization. Kennedy JW, et al. **Am J Cardiol** 1989 Jul 5;64(2):8A–11A; discussion 24A–26A
Nonemergent cardiac catheterization and risk-stratified revascularization following thrombolytic therapy for acute myocardial infarction. A critical analysis of therapy in the community setting. University of North Carolina Cardiology Consortium. Rowe WW, et al. **Arch Intern Med** 1989 Jul;149(7):1611–7
Pathological changes after intravenous streptokinase treatment in eight patients with acute myocardial infarction. Richardson SG, et al. **Br Heart J** 1989 May; 61(5):390–5
Acute lower limb ischemia [letter] Lancashire MJ, et al. **Br J Surg** 1989 May;76(5):526
Antecedent angina: a predictor of residual stenosis after thrombolytic therapy. Bergelson BA, et al. **J Am Coll Cardiol** 1989 Jul;14(1):91–5
Late thrombolytic therapy preserves left ventricular function in patients with collateralized total coronary occlusion: primary end point findings of the Second Mount Sinai-New York University Reperfusion Trial. Rentrop KP, et al. **J Am Coll Cardiol** 1989 Jul;14(1):58–64
Rapid high dose streptokinase in severe pulmonary embolism [letter] Ozbek C, et al. **Lancet** 1989 Jul 22;2(8656):229–30

STREPTOMYCES

A structurally unique, potent, and selective oxytocin antagonist derived from Streptomyces silvensis. Pettibone DJ, et al. **Endocrinology** 1989 Jul;125(1):217–22

STREPTOZOTOCIN

Decreased insulin- and glucagon-pulse amplitude accompanying beta-cell deficiency induced by streptozocin in baboons. Goodner CJ, et al. **Diabetes** 1989 Jul; 38(7):925–31

STRESS

Disparate hemodynamic and sympathoadrenergic responses to isometric and mental stress in essential hypertension. Grossman E, et al. **Am J Cardiol** 1989 Jul 1;64(1):42–4
Leucine kinetics in surgical patients, I: A study of the effect of surgical 'stress'. Harrison RA, et al. **Br J Surg** 1989 May; 76(5):505–8
Volume-pressure analysis of reflex changes in forearm venous function. A method by mental arithmetic stress and radionuclide plethysmography. Robinson VJ, et al. **Circulation** 1989 Jul;80(1):99–105
Prostaglandin protection against hemorrhage-induced gastric stress ulceration in the rat. Ranta-Knuuttila T, et al. **Dig Dis Sci** 1989 Jul;34(7):1028–34
Monitoring gastric pH levels. Durham RM, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):14–6

STRESS DISORDERS, POST-TRAUMATIC

Startle modulation in children with posttraumatic stress disorder. Ornitz EM, et al. **Am J Psychiatry** 1989 Jul; 146(7):866–70
Posttraumatic stress and conversion disorders in a Laotian refugee veteran: use of amobarbital interviews. Freimer N, et al. **J Nerv Ment Dis** 1989 Jul;177(7):432–3
Psychiatric intervention after disaster [editorial] **Lancet** 1989 Jul 15;2(8655):138

STRESS, PSYCHOLOGICAL

Transient left ventricular dysfunction during provocative mental stress in patients with coronary artery disease. LaVeau PJ, et al. **Am Heart J** 1989 Jul;118(1):1–8
Disparate hemodynamic and sympathoadrenergic responses to isometric and mental stress in essential hypertension. Grossman E, et al. **Am J Cardiol** 1989 Jul 1;64(1):42–4
Two cardiac arrests after needle punctures in a patient with mitral valve prolapse: psychogenic? Abraham ZA, et al. **Anesth Analg** 1989 Jul;69(1):992–4
Job stress and satisfaction among the staff members at a cancer center. Peteet JR, et al. **Cancer** 1989 Aug 15; 64(4):975–82
Psychosocial predictors of pregnancy outcomes in low-income black, Hispanic, and white women. Norbeck JS, et al. **Nurs Res** 1989 Jul-Aug;38(4):204–9

STRIKES, EMPLOYEE

How to avoid strikes in a unionized hospital. Lappa K. **Hospitals** 1989 Jul 5;63(13):48–9

STROKE VOLUME

Transient left ventricular dysfunction during provocative mental stress in patients with coronary artery disease. LaVeau PJ, et al. **Am Heart J** 1989 Jul;118(1):1–8
Responses of left and right ventricular ejection fractions to aerobic and anaerobic phases of upright and supine exercise in normal subjects. Rodrigues EA, et al. **Am Heart J** 1989 Aug;118(2):319–24
A new Doppler method of assessing left ventricular ejection force in chronic congestive heart failure. Isaaz K, et al. **Am J Cardiol** 1989 Jul 1;64(1):81–7
Linearity of the left ventricular end-systolic pressure-volume relation in patients with severe heart failure. Aroney CN, et al. **J Am Coll Cardiol** 1989 Jul;14(1):127–34

STRONGYLOIDIASIS

'Enterotest' and Strongyloides stercoralis [letter] Vighi G, et al. **Lancet** 1989 Jul 15;2(8655):156–7

STUDENT DROPOUTS

Student attrition: is lack of support a key? Marshall JE. **Nurs Outlook** 1989 Jul-Aug;37(4):176–8

STUDENT HEALTH SERVICES

Dietary intakes of female college athletes: the need for nutrition education. Tilgner SA, et al. **J Am Diet Assoc** 1989 Jul;89(7):967–9

STUDENTS

Dietary intakes of female college athletes: the need for nutrition education. Tilgner SA, et al. **J Am Diet Assoc** 1989 Jul;89(7):967–9

STUDENTS, MEDICAL

Predicting and fostering success of American Indians in medical school. Kerbeshian LA. **Acad Med** 1989 Jul; 64(7):396–400
A survey to determine factors influencing medical students' career choices. Rogers LQ, et al. **Acad Med** 1989 Jul; 64(7):417
Recruitment for family medicine [letter] Canty M. **Am Fam Physician** 1989 Jul;40(1):52, 54

STUDENTS, NURSING

Student attrition: is lack of support a key? Marshall JE. **Nurs Outlook** 1989 Jul-Aug;37(4):176–8

STUTTERING

Speech dysfluency [letter] Bennett PR. **Lancet** 1989 Jul 1; 2(8653):49

SUBARACHNOID HEMORRHAGE

Subarachnoid hemorrhage. Day AL, et al. **Am Fam Physician** 1989 Jul;40(1):95–105 (33 ref.)
Factors associated with hydrocephalus after subarachnoid hemorrhage. A report of the Cooperative Aneurysm Study. Graff-Radford NR, et al. **Arch Neurol** 1989 Jul; 46(7):744–52
Delayed arterial narrowing following SAH [letter] Amagasa M. **J Neurosurg** 1989 Jul;71(1):152–3
The effect of subarachnoid hemorrhage on blood and CSF atrial natriuretic factor. Rosenfeld JV, et al. **J Neurosurg** 1989 Jul;71(1):32–7
Uniform SAH grading [letter] Stålhammar D, et al. **J Neurosurg** 1989 Aug;71(2):303–4
Effect of the 21-aminosteroid U-74006F on cerebral vasospasm following subarachnoid hemorrhage. Zuccarello M, et al. **J Neurosurg** 1989 Jul;71(1):98–104

SUBCLAVIAN ARTERY

Left subclavian-left coronary artery anastomosis for anomalous origin of the left coronary artery. Long-term follow-up. Kesler KA, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):25–9

SUBCLAVIAN VEIN

Spontaneous subclavain vein thrombosis: a successful combined approach of local thrombolytic therapy followed by first rib resection [letter] Kunkel JM, et al. **Surgery** 1989 Jul;106(1):114

SUBDURAL EMPYEMA

Central nervous system infections in the elderly. Behrman RE, et al. **Arch Intern Med** 1989 Jul;149(7):1596–9

SUBMUCOUS PLEXUS

Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348–56

SUBSTANCE ABUSE

Screening for alcohol and other drug abuse. U.S. Preventive Services Task Force. **Am Fam Physician** 1989 Jul; 40(1):137–46 (78 ref.)
How to assess the risk of HIV exposure. Jewell ME, et al. **Am Fam Physician** 1989 Jul;40(1):153–61
Drug usage among adolescents: a survey from a pediatric/adolescent practice [letter] Buchta RM. **Am J Dis Child** 1989 Jul;143(7):765–6
Urine drug screening in mothers and newborns. Osterloh JD, et al. **Am J Dis Child** 1989 Jul;143(7):791–3
Anabolic androgenic steroids and suicide [letter] Brower KJ, et al. **Am J Psychiatry** 1989 Aug;146(8):1075
Intracerebral hemorrhage associated with cocaine abuse. Nolte KB, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):812–3
Well users clinic for illicit drug users [letter] Strang J, et al. **BMJ** 1989 May 13;298(6683):1310
Pulmonary hemorrhage in a cocaine abuser [letter] Walek JW, et al. **Chest** 1989 Jul;96(1):222
Alcohol and substance abuse among schizophrenic patients presenting to an emergency psychiatric service. Barbee JG, et al. **J Nerv Ment Dis** 1989 Jul;177(7):400–7
Pharmacotherapeutic interventions for cocaine abuse. Matching patients to treatments. Kosten TR. **J Nerv Ment Dis** 1989 Jul;177(7):379–89 (73 ref.)
Drug abuse, HIV infection, and tuberculosis [letter] Brown LS Jr, et al. **JAMA** 1989 Aug 4;262(5):615–6
Maternal cocaine use during early pregnancy as a risk factor for congenital urogenital anomalies. Chávez GF, et al. **JAMA** 1989 Aug 11;262(6):795–8
Cocaine abuse in pregnancy [letter] Goldin K. **JAMA** 1989 Aug 11;262(6):771
Mobility of injection drug users and transmission of HIV [letter] Bisset C, et al. **Lancet** 1989 Jul 1;2(8653):44
Potential toxic interactions of cocaine and mazindol [letter] Iaffe JH, et al. **Lancet** 1989 Jul 8;2(8654):111
Cocaine abuse and opioid withdrawal [letter] Kosten TA, et al. **Lancet** 1989 Jul 15;2(8655):165–6
Nocardial spinal epidural abscess. Siao P, et al. **Neurology** 1989 Jul;39(7):996
American Academy of Pediatrics Committee on Adolescence, Committee on Bioethics, and Provisional Committee on Substance Abuse: Screening for drugs of abuse in children and adolescents. **Pediatrics** 1989 Aug; 84(2):396–8
Drug use among adolescent mothers: profile of risk. Amaro H, et al. **Pediatrics** 1989 Jul;84(1):144–51
Chest pain and dyspnea related to "crack" cocaine smoking: value of chest radiography. Eurman DW, et al. **Radiology** 1989 Aug;172(2):459–62
Pulmonary edema in cocaine smokers. Hoffman CK, et al. **Radiology** 1989 Aug;172(2):463–5

SUBSTANCE DEPENDENCE

A hierarchical model of opiate addiction. Failures of self-regulation as a central aspect of substance abuse. Wilson A, et al. **J Nerv Ment Dis** 1989 Jul;177(7):390–9

SUBSTANCE K

Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348–56

SUBSTANCE P

Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine. Korman LY, et al. **Dig Dis Sci** 1989 Jul;34(7):1100–8
Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348–56

SUBSTANCE USE DISORDERS

Impaired physicians: they are not the only ones at risk. Jacyk W. **Can Med Assoc J** 1989 Jul 15;141(2):147–8

SUBSTANCE WITHDRAWAL SYNDROME

Manic syndrome after discontinuation of methyldopa [letter] Labbate LA, et al. **Am J Psychiatry** 1989 Aug; 146(8):1075–6
Quitting smoking: nicotine vs placebo gum [letter] Jacobson TA. **JAMA** 1989 Aug 11;262(6):773–4
Cocaine abuse and opioid withdrawal [letter] Kosten TA, et al. **Lancet** 1989 Jul 15;2(8655):165–6
Death following withdrawal of encainide [letter] Thomas GS. **N Engl J Med** 1989 Aug 10;321(6):393
Phenytoin withdrawal and seizure frequency. Bromfield EB, et al. **Neurology** 1989 Jul;39(7):905–9
Dystonia related to cocaine withdrawal: a case report and pathogenic hypothesis. Choy-Kwong M, et al. **Neurology** 1989 Jul;39(7):996–7

SUBSTANTIA NIGRA

Mitochondrial function in Parkinson's disease [letter] Bindoff LA, et al. **Lancet** 1989 Jul 1;2(8653):49

SUBTALAR JOINT

Inflammatory arthritis of the subtalar joint. Berger RG. **Am J Med** 1989 Jul;87(1):117–8

SUBTRACTION TECHNIC

Intra-arterial digital subtraction angiography in the evaluation of peripheral vascular trauma. Howard CA, et al. **Ann Surg** 1989 Jul;210(1):108–11
Comparison of techniques for thallium-201-technetium-99m parathyroid imaging. Brownless SM, et al. **Br J Radiol** 1989 Jun;62(738):532–5

SUCCINYLCHOLINE

Comparison of tracheal intubating conditions and neuromuscular blocking profiles after intubating doses of mivacurium chloride or succinylcholine in surgical outpatients. Goldberg ME, et al. **Anesth Analg** 1989 Jul; 69(1):959–65
Nitroglycerine, succinylcholine and intraocular pressure [letter] Jantzen JP, et al. **Anesth Analg** 1989 Jul;69(1):1005–7
Differing effect of agonist and antagonist muscle relaxants on cat jaw muscles. Van der Spek AF, et al. **Anesth Analg** 1989 Jul;69(1):942–6
Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Lanier WL, et al. **Anesthesiology** 1989 Jul;71(1):87–95
Suxamethonium anaphylaxis [letter] Watkins J. **Lancet** 1989 Jul 15;2(8655):171–2

SUCRALFATE

Sucralfate, intestinal aluminum absorption, and aluminum toxicity in a patient on dialysis. Robertson JA, et al. **Ann Intern Med** 1989 Jul 15;111(2):179–81

SUCTION

Catheter aspiration for simple pneumothorax. Experience with 114 patients. Delius RE, et al. **Arch Surg** 1989 Jul; 124(7):833–6
Management of meconium-stained neonate [letter] Wiswell

TE. J Pediatr 1989 Jul;115(1):165–6

SUDDEN INFANT DEATH

Sudden infant death syndrome [letter] Bass M. BMJ 1989 May 13;298(6683):1311
The prone position, scoliosis, and cot death [letter] Conner AN. BMJ 1989 Apr 29;298(6681):1178
Sudden infant death and long-chain 3-hydroxyacyl-CoA dehydrogenase [letter] Wanders RJ, et al. Lancet 1989 Jul 1;2(8653):52–3

SUGAR ALCOHOL DEHYDROGENASES

Effect of prostaglandin E1 analogue TFC 612 on diabetic neuropathy in streptozocin-induced diabetic rats. Comparison with aldose reductase inhibitor ONO 2235. Yasuda H, et al. Diabetes 1989 Jul;38(7):832–8

SUGAR PHOSPHATES

Inositol 1,4,5-trisphosphate phosphatase deficiency and malignant hyperpyrexia in swine. Foster PS, et al. Lancet 1989 Jul 15;2(8655):124–7

SUICIDE

Defense mechanisms in risk of suicide and risk of violence. Apter A, et al. Am J Psychiatry 1989 Aug;146(8):1027–31
Anabolic androgenic steroids and suicide [letter] Brower KJ, et al. Am J Psychiatry 1989 Aug;146(8):1075
Suicide and unemployment [letter] Renvoize E, et al. BMJ 1989 Apr 29;298(6681):1180
Suicide mortality in the Maryland state prison system, 1979 through 1987. Salive ME, et al. JAMA 1989 Jul 21; 262(3):365–9

SULFAMETHOXAZOLE

Pancytopenia and methotrexate with trimethoprim-sulfamethoxazole [letter] Jeurissen ME, et al. Ann Intern Med 1989 Aug 1;111(3):261
Wegener's granulomatosis [letter] King JW, et al. Arch Intern Med 1989 Jul;149(7):1695, 1698
Mineralocorticoid deficiency in HIV infection [letter] Murphy CE, et al. BMJ 1989 Apr 29;298(6681):1181

SULFONAMIDES

Crohn's disease, sulfasalazine, and mycobacteria. Van Caekenberghe D. J Lab Clin Med 1989 Jul;114(1):63–5

SULFONYLUREA COMPOUNDS

Glipizide: an oral hypoglycemic drug. Wensing G. Am J Med Sci 1989 Jul;298(1):69–71 (24 ref.)
Hyperglycaemia and absorption of sulphonylurea drugs. Groop LC, et al. Lancet 1989 Jul 15;2(8655):129–30

SULFURIC ACIDS

Effect of droplet size on respiratory responses to inhaled sulfuric acid in normal and asthmatic volunteers. Linn WS, et al. Am Rev Respir Dis 1989 Jul;140(1):161–6
Epidemiologic and toxicologic evidence for chronic health effects and the underlying biologic mechanisms involved in sub-lethal exposures to acidic pollutants. Soskolne CL, et al. Arch Environ Health 1989 May-Jun;44(3):180–91 (160 ref.)
Increased sulfation of glycoconjugates by cultured nasal epithelial cells from patients with cystic fibrosis. Cheng PW, et al. J Clin Invest 1989 Jul;84(1):68–72

SUNBURN

UVA filters in sunscreen preparations [letter] Diffey BL, et al. Lancet 1989 Jul 15;2(8655):170
Nonfamilial cutaneous melanoma incidence in women associated with sun exposure before 20 years of age. Weinstock MA, et al. Pediatrics 1989 Aug;84(2):199–204

SUNLIGHT

Actinic cheilitis. A prospective study comparing four treatment methods. Robinson JK. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):848–52
Sunburns, melanoma, and the pediatrician. Williams ML, et al. Pediatrics 1989 Aug;84(2):381–2

SUNSCREENING AGENTS

UVA filters in sunscreen preparations [letter] Diffey BL, et al. Lancet 1989 Jul 15;2(8655):170

SUPEROXIDE

Neutrophil oxidative metabolism after exposure to bacterial phospholipase C. Styrt B, et al. J Lab Clin Med 1989 Jul; 114(1):51–7
Suppression of leukocyte function and intracellular content of ATP in hyperosmotic condition comparable to the renal medulla. Matsumoto T, et al. J Urol 1989 Aug;142(2):399–402

SUPEROXIDE DISMUTASE

Role of superoxide dismutase in the pathogenesis of pyelonephritis: immunological localization of superoxide dismutase in human renal tissues. Strand WR, et al. J Urol 1989 Aug;142(2 Pt 2):616–8; discussion 619

SUPPRESSOR CELLS

The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. Ferguson TA, et al. J Immunol 1989 Aug 1;143(3):821–6
Functional analysis of cloned macrophage hybridomas. VII. Modulation of suppressor T cell-inducing activity. Ishikura H, et al. J Immunol 1989 Jul 15;143(2):414–9
Murine natural suppressor cells in the newborn, in bone marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. Maier T, et al. J Immunol 1989 Jul 15;143(2):491–8
Mechanisms maintaining antibody-induced enhancement of allografts. II. Mediation of specific suppression by short lived CD4+ T cells. Pearce NW, et al. J Immunol 1989 Jul 15;143(2):499–506
Cloned natural suppressor cell lines express the CD3+CD4-CD8- surface phenotype and the alpha, beta heterodimer of the T cell antigen receptor. Strober S, et al. J Immunol 1989 Aug 15;143(4):1118–22

SUPPRESSOR FACTORS, IMMUNOLOGIC

The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. Ferguson TA, et al. J Immunol 1989 Aug 1;143(3):821–6
Functional analysis of cloned macrophage hybridomas. VII. Modulation of suppressor T cell-inducing activity. Ishikura H, et al. J Immunol 1989 Jul 15;143(2):414–9
The molecular basis of granuloma formation in schistosomiasis. III. In vivo effects of a T cell-derived suppressor effector factor and IL-2 on granuloma formation. Perrin PJ, et al. J Immunol 1989 Jul 15; 143(2):649–54
Immunomodulatory activity of staphylococcal enterotoxin-B. The induction of an I-J-restricted suppressor factor. Taub DD, et al. J Immunol 1989 Aug 1;143(3):813–20

SUPRANUCLEAR PALSY, PROGRESSIVE

Memory impairment in patients with progressive supranuclear palsy. Litvan I, et al. Arch Neurol 1989 Jul; 46(7):765–7

SURFACE-ACTIVE AGENTS

Rug shampoo and Kawasaki disease. Fatica NS, et al. Pediatrics 1989 Aug;84(2):231–4

SURGERY

The educational value of community preceptorships in surgery. Rambo WM, et al. Acad Med 1989 Jul;64(7):405–7
Halstedian technique revisited. Innovations in teaching surgical skills. Barnes RW, et al. Ann Surg 1989 Jul; 210(1):118–21
Assistants at cataract surgery [letter] Hoffer KJ. Arch Ophthalmol 1989 Jul;107(7):952
The surgeon and biliary lithotripsy [editorial] Nahrwold DL. Arch Surg 1989 Jul;124(7):769–70
Surgery, in the days of controversy. Crile G Jr. JAMA 1989 Jul 14;262(2):256–8
Pedigrees of southern surgical chairmen. Cohn I Jr. South Med J 1989 Jul;82(7):892–6

SURGERY, OPERATIVE

Reconstruction of nasal fistulas of the medial canthus. Putterman AM. Am J Ophthalmol 1989 Jul 15;108(1):68–74
The effect of intravenous nutrition on muscle mass and exercise capacity in perioperative patients. Wood CD, et al. Am J Surg 1989 Jul;158(1):63–7
Comparison of hemodynamic and oxygen transport effects of dopamine and dobutamine in critically ill surgical patients. Shoemaker WC, et al. Chest 1989 Jul;96(1):120–6
Surgeon volume vs hospital volume: which matters more? [editorial] Garnick DW, et al. JAMA 1989 Jul 28; 262(4):547–8
A pointer on pointers [letter] Hoehn JG. Plast Reconstr Surg 1989 Aug;84(2):364

SURGERY, ORAL

American Association of Oral and Maxillofacial Surgeons, 71st annual meeting and scientific sessions. September 20–24, 1989, San Francisco. Educational summaries and outlines. J Oral Maxillofac Surg 1989 Aug;47(8 Suppl 1):1–152
The 1988 anesthesia survey of the Southern California Society of Oral and Maxillofacial Surgeons. Lytle JJ, et al. J Oral Maxillofac Surg 1989 Aug;47(8):834–42

SURGERY, ORAL, PREPROSTHETIC

Origin of HA-fibrin glue mixture for ridge augmentation [letter] Bochlogyros PN. J Oral Maxillofac Surg 1989 Aug; 47(8):891

SURGERY, PLASTIC

Oncological aspects of immediate breast reconstruction following mastectomy for malignancy. Johnson CH, et al. Arch Surg 1989 Jul;124(7):819–23; discussion 823–4
Transoral submental lipectomy: an adjunct to orthognathic surgery. Epker BN, et al. J Oral Maxillofac Surg 1989 Aug;47(8):795–803
Complications of bladder mucosal graft. Ehrlich RM, et al. J Urol 1989 Aug;142(2 Pt 2):626–7; discussion 631
A new 1-stage procedure for clitorovaginoplasty in severely masculinized female pseudohermaphrodites. Passerini-Glazel G. J Urol 1989 Aug;142(2 Pt 2):565–8; discussion 572
Have we really come this far?[editorial] Curtin JW. Plast Reconstr Surg 1989 Aug;84(2):340–1
Reconstruction of the external genitalia in the adrenogenital syndrome by means of a personal one-stage procedure. Hinderer UT. Plast Reconstr Surg 1989 Aug;84(2):325–37
Usefulness of the silicone microsurgical background [letter] Isogai N, et al. Plast Reconstr Surg 1989 Aug;84(2):366–7
Using the suction apparatus of the laser machine to get rid of smoke from electrocoagulation [letter] Karaca AR. Plast Reconstr Surg 1989 Aug;84(2):372
Reconstructive surgery in Nicaragua [letter] Lineaweaver WC. Plast Reconstr Surg 1989 Aug;84(2):363–4
In support of the certificate of added qualifications in hand surgery [letter] McCormack RM. Plast Reconstr Surg 1989 Aug;84(2):372
Ear models [letter] Rueckert F. Plast Reconstr Surg 1989 Aug;84(2):370
Porous hydroxyapatite as an onlay bone-graft substitute for maxillofacial surgery. Salyer KE, et al. Plast Reconstr Surg 1989 Aug;84(2):236–44

SURGICAL EQUIPMENT

Using the suction apparatus of the laser machine to get rid of smoke from electrocoagulation [letter] Karaca AR. Plast Reconstr Surg 1989 Aug;84(2):372

SURGICAL FLAPS

The bilobed flap for nasal reconstruction. Zitelli JA. Arch Dermatol 1989 Jul;125(7):957–9
Rectus abdominis muscle flap [letter] Heaton ND, et al. Br J Surg 1989 May;76(5):525
Urethral replacement with tunica vaginalis: a pilot study. Khoury AE, et al. J Urol 1989 Aug;142(2 Pt 2):628–30; discussion 631
Laser welding of pedicled flap skin tubes. Mininberg DT, et al. J Urol 1989 Aug;142(2 Pt 2):623–5; discussion 631
The buccinator musculomucosal flap: anatomic study and clinical application. Bozola AR, et al. Plast Reconstr Surg 1989 Aug;84(2):250–7
Nasal support and lining: the marriage of beauty and blood supply. Burget GC, et al. Plast Reconstr Surg 1989 Aug; 84(2):189–202
Reconstruction of the mediastinal trachea with a tubed pectoralis major myocutaneous flap. Fleischer A, et al. Plast Reconstr Surg 1989 Aug;84(2):342–6
Measuring the area of a lesion or flap [letter] Furnas H. Plast Reconstr Surg 1989 Aug;84(2):364
Extracorporeal tissue transfer [letter] Govila A. Plast Reconstr Surg 1989 Aug;84(2):367–9
The "reduced" latissimus dorsi musculocutaneous flap. Hayashi A, et al. Plast Reconstr Surg 1989 Aug;84(2):290–5
Multiple and repetitive uses of the extended hamstring V-Y myocutaneous flap. Kroll SS, et al. Plast Reconstr Surg 1989 Aug;84(2):296–302
Effect of capsulectomy on the hemodynamics and viability of random-pattern skin flaps raised on expanded skin in the pig. Morris SF, et al. Plast Reconstr Surg 1989 Aug; 84(2):314–22; discussion 323–4
Protection of abdominal flaps from self-mutilation in the rat [letter] Tark KC. Plast Reconstr Surg 1989 Aug;84(2):376–7

SURGICAL INSTRUMENTS

Evolution of the crossed-action intracranial aneurysm clip. Technical note. McFadden JT. J Neurosurg 1989 Aug; 71(2):293–6

SURGICAL MESH

Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. J Urol 1989 Aug;142(2):363–5

SURGICAL STAPLERS

A method of stapled skin closure by one surgeon. Le T, et al. Surg Gynecol Obstet 1989 Jul;169(1):67

SURGICAL WOUND DEHISCENCE

Palpation of the uterine scar after vaginal delivery [letter] Schneider G. **Can Med Assoc J** 1989 Jul 15;141(2):98

SURGICAL WOUND INFECTION

A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Morton AL, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):41-5

SUTURE TECHNICS

Corneal compression sutures for the reduction of astigmatism after penetrating keratoplasty. Limberg MB, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):36-42

Fixation of posterior chamber lenses by transscleral sutures: technique and preliminary results [letter] Grehn F, et al. **Arch Ophthalmol** 1989 Jul;107(7):954-5

Continuous single-layer gastrointestinal anastomosis: a prospective audit. Sarin S, et al. **Br J Surg** 1989 May; 76(5):493-5

A method of stapled skin closure by one surgeon. Le T, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):67

Sidewinder retention sutures for closure of the abdominal wall. Rappaport WD, et al. **Surg Gynecol Obstet** 1989 Jul; 169(1):73-4

SUTURES

Biliary tract complications in orthotopic adult liver transplantation. Wilson BJ, et al. **Am J Surg** 1989 Jul; 158(1):68-70

Suture calcification mimicking recurrence in the irradiated breast: a potential pitfall in mammographic evaluation. Davis SP, et al. **Radiology** 1989 Jul;172(1):247-8

SWEAT GLAND NEOPLASMS

Response of eccrine adenocarcinoma to tamoxifen. Sridhar KS, et al. **Cancer** 1989 Jul 15;64(2):366-70

SWEAT GLANDS

Response of eccrine adenocarcinoma to tamoxifen. Sridhar KS, et al. **Cancer** 1989 Jul 15;64(2):366-70

SWEATING

Thermoregulatory sweating abnormalities in diabetes mellitus. Fealey RD, et al. **Mayo Clin Proc** 1989 Jun; 64(6):617-28

Sweating abnormalities and other autonomic disorders in diabetes mellitus. Stewart JD. **Mayo Clin Proc** 1989 Jun; 64(6):712-5

SWINE

The insulin-like growth factor-binding proteins of porcine serum: endocrine and nutritional regulation. McCusker RH, et al. **Endocrinology** 1989 Jul;125(1):501-9

SYMPATHECTOMY

Ventricular arrhythmias and local electrograms after chronic regional denervation of the ischemic area in the pig heart. Cinca J, et al. **J Am Coll Cardiol** 1989 Jul;14(1):225-32

SYMPATHETIC NERVOUS SYSTEM

Atrial natriuretic peptide attenuates the reflex sympathetic responses to lower body negative pressure. Imam K, et al. **Am J Med Sci** 1989 Jul;298(1):1-7

Sympathoinhibitory responses to digitalis glycosides in heart failure patients. Direct evidence from sympathetic neural recordings. Ferguson DW, et al. **Circulation** 1989 Jul; 80(1):65-77

Anti-sympathetic nervous system autoantibodies. Diminished catecholamines with orthostasis. Brown FM, et al. **Diabetes** 1989 Jul;38(7):938-41

Physiology of the adrenal medulla. Tsapatsaris NP, et al. **Urol Clin North Am** 1989 Aug;16(3):439-45 (30 ref.)

SYMPATHOMIMETICS

Fetal and neonatal cardiovascular complications from beta-sympathomimetic therapy for tocolysis. Katz VL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):1-4

SYMPHYSIOTOMY

Splitting the pubis for exposure in difficult reconstructions for incontinence. Peters CA, et al. **J Urol** 1989 Aug;142(2 Pt 2):527-31; discussion 542-3

SYNAPTIC RECEPTORS

Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine. Korman LY, et al. **Dig Dis Sci** 1989 Jul;34(7):1100-8

SYNCOPE

Pacemaker syndrome in activity-responsive VVI pacing. Liebert HP, et al. **Am J Cardiol** 1989 Jul 1;64(1):124-6

Swallowing. An unusual cause of syncope. Kalloo AN, et al. **Dig Dis Sci** 1989 Jul;34(7):1117-20

Syncope in the elderly. Valle BK, et al. **Heart Lung** 1989 Jul;18(4):426-9

Tilt-induced syncope [letter] Fitzpatrick AP, et al. **N Engl J Med** 1989 Aug 3;321(5):331

SYNOSTOSIS

Radioulnar synostosis in Williams syndrome [letter] Bzdúch V, et al. **J Pediatr** 1989 Jul;115(1):165

SYNOVIAL FLUID

Quantitative detection of class-specific rheumatoid factors using mouse monoclonal antibodies and the biotin/streptavidin enhancement system. Otten HG, et al. **Br J Rheumatol** 1989 Aug;28(4):310-6

SYNOVIAL MEMBRANE

The clinical use of immunohistopathology [editorial] Hedfors E. **Br J Rheumatol** 1989 Aug;28(4):278-80

Immunohistological features in the synovium obtained from clinically uninvolved knee joints of patients with rheumatoid arthritis. Soden M, et al. **Br J Rheumatol** 1989 Aug;28(4):287-92

Preincubation of human synovial cells with IL-1 modulates prostaglandin E2 release in response to bradykinin. Bathon JM, et al. **J Immunol** 1989 Jul 15;143(2):579-86

Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. Kumkumian GK, et al. **J Immunol** 1989 Aug 1;143(3):833-7

Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142-8

Plasminogen activator and prostaglandin E2 levels in human synovial fibroblasts. Differential stimulation by synovial activator and other cytokines. Leizer T, et al. **J Immunol** 1989 Aug 1;143(3):971-8

Radiation synovectomy stimulates glycosaminoglycan synthesis by normal articular cartilage. Myers SL, et al. **J Lab Clin Med** 1989 Jul;114(1):27-35

Synovial chondromatosis associated with experimental osteoarthritis in adult monkeys. Helmy ES, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):823-7

SYPHILIS

HIV infection, hepatitis, and syphilis in Spanish prisons [letter] Acedo A, et al. **Lancet** 1989 Jul 22;2(8656):226

Resurgence of heterosexually acquired early syphilis in London [letter] Tang A, et al. **Lancet** 1989 Jul 15; 2(8655):166-7

SYRINGOMYELIA

Ultrastructure of the human posttraumatic syrinx. Reddy KK, et al. **J Neurosurg** 1989 Aug;71(2):239-43

TACHYCARDIA

Conversion of induced ventricular tachycardia by single and serial chest thumps: a study in domestic pigs 1 week after experimental myocardial infarction. Gertsch M, et al. **Am Heart J** 1989 Aug;118(2):248-55

Manifest and concealed accessory pathways: behavior after catheter ablation of the atrioventricular conducting system. Lemery R, et al. **Am Heart J** 1989 Jul;118(1):188-91

Role of bandpass filters in optimizing the value of the signal-averaged electrocardiogram as a predictor of the results of programmed stimulation. Caref EB, et al. **Am J Cardiol** 1989 Jul 1;64(1):16-26

Usefulness of sotalol in suppressing ventricular tachycardia or ventricular fibrillation in patients with healed myocardial infarcts. Kuchar DL, et al. **Am J Cardiol** 1989 Jul 1; 64(1):33-6

Differentiation between late potentials of right ventricular and of left ventricular origin. Ohe T, et al. **Am J Cardiol** 1989 Jul 1;64(1):37-41

Termination of magnet-unresponsive pacemaker endless loop tachycardia by carotid sinus massage [letter] Friart A. **Am J Med** 1989 Jul;87(1):1-2

Cardiac problems in ECT [letter] Dennison S, et al. **Am J Psychiatry** 1989 Jul;146(7):939

Flecainide-induced ventricular tachycardia and fibrillation in patients treated for atrial fibrillation. Falk RH. **Ann Intern Med** 1989 Jul 15;111(2):107-11

Instantaneous electrocardiography. A simple screening technique for cardiac exercise programs. Franklin BA, et al. **Chest** 1989 Jul;96(1):174-7

Use of electrophysiologic testing in patients with nonsustained ventricular tachycardia: prognostic and therapeutic implications. Klein RC, et al. **J Am Coll Cardiol** 1989 Jul;14(1):155-61; discussion 162-3

Nonischemic sustained ventricular tachycardia: clinical outcome in 12 patients with arrhythmogenic right ventricular dysplasia. Lemery R, et al. **J Am Coll Cardiol** 1989 Jul;14(1):96-105

Surgical therapy for drug-refractory ventricular tachycardia: results with mapping-guided subendocardial resection. Manolis AS, et al. **J Am Coll Cardiol** 1989 Jul;14(1):199-208

Quinidine-induced long QTU interval and torsade de pointes: role of bradycardia-dependent early afterdepolarizations. el-Sherif N, et al. **J Am Coll Cardiol** 1989 Jul;14(1):252-7

Arrhythmogenic effects of antiarrhythmic drugs: a study of 506 patients treated for ventricular tachycardia or fibrillation. Stanton MS, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):209-15; discussion 216-7

Electrophysiologic substrate of torsade de pointes: dispersion of repolarization or early afterdepolarizations? Surawicz B. **J Am Coll Cardiol** 1989 Jul;14(1):172-84 (136 ref.)

TACHYCARDIA, SUPRAVENTRICULAR

Diagnosis and management of postoperative junctional ectopic tachycardia [editorial] Gillette PC. **Am Heart J** 1989 Jul;118(1):192-4

Multicenter long-term results of antitachycardia pacing for supraventricular tachycardias. Kappenberger L, et al. **Am J Cardiol** 1989 Jul 15;64(3):191-3

Atenolol in children with supraventricular tachycardia. Trippel DL, et al. **Am J Cardiol** 1989 Jul 15;64(3):233-6

Electropharmacology of amiodarone therapy initiation. Time courses of onset of electrophysiologic and antiarrhythmic effects. Mitchell LB, et al. **Circulation** 1989 Jul;80(1):34-42

Exercise response before and after termination of atrial tachycardia after congenital heart disease surgery. Wessel HU, et al. **Circulation** 1989 Jul;80(1):106-11

Palpitation and abnormal ECG in muscular dystrophy. Hancock EW. **Hosp Pract [Off]** 1989 Jul 15;24(7):21, 24

Direct surgical treatment of atrioventricular node reentrant tachycardia. Gartman DM, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):63-71; discussion 71-2

Degeneration of junctional tachycardia to pre-excited atrial fibrillation after intravenous verapamil [letter] Garratt C, et al. **Lancet** 1989 Jul 22;2(8656):219

TACHYKININS

Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Sternini C, et al. **Gastroenterology** 1989 Aug;97(2):348-56

TAMOXIFEN

Response of eccrine adenocarcinoma to tamoxifen. Sridhar KS, et al. **Cancer** 1989 Jul 15;64(2):366-70

Adverse effect of tamoxifen with LHRH agonist on oestrogen-receptor-negative mammary carcinoma [letter] Szende B, et al. **Lancet** 1989 Jul 22;2(8656):222-3

TAPE RECORDING

Audiotape playback as a technique in the treatment of schizophrenic patients. Satel SL, et al. **Am J Psychiatry** 1989 Aug;146(8):1012-6

TARSAL JOINT

Fractures and Fracture-Dislocations of the Tarsometatarsal Joint [letter] Harper MC. **J Bone Joint Surg [Am]** 1989 Jul;71(6):952-3

TARSAL TUNNEL SYNDROME

Neurilemoma of the sciatic nerve mimicking tarsal tunnel syndrome. Report of a case. Wolock BS, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):932-4

TATTOOING

Cultured composite skin grafts: biological skin equivalents permitting massive expansion. Nanchahal J, et al. **Lancet** 1989 Jul 22;2(8656):191-3

TEA

Atropine as possible contaminant of comfrey tea [letter] Awang DV, et al. **Lancet** 1989 Jul 1;2(8653):44

TEACHING

A modified expiratory valve for teaching. Sansome AJ, et al. **Anaesthesia** 1989 May;44(5):425-7

Halstedian technique revisited. Innovations in teaching surgical skills. Barnes RW, et al. **Ann Surg** 1989 Jul; 210(1):118-21

Comparison between videotape and personalized patient education for anticoagulant therapy. Stone S, et al. **J Fam Pract** 1989 Jul;29(1):55-7

Why not base clinical education in general practice? Oswald N. **Lancet** 1989 Jul 15;2(8655):148-9

TEACHING MATERIALS

Halstedian technique revisited. Innovations in teaching surgical skills. Barnes RW, et al. **Ann Surg** 1989 Jul; 210(1):118–21

TEAR GASES

Physicians with Georgia on their minds [news] Goldsmith MF. **JAMA** 1989 Aug 4;262(5):603–4

Tear gas—harassing agent or toxic chemical weapon? Hu H, et al. **JAMA** 1989 Aug 4;262(5):660–3 (48 ref.)

TECHNETIUM

Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Berman DS, et al. **Am J Cardiol** 1989 Jul 18;64(4):9B–16B

Comparison of techniques for thallium-201–technetium-99m parathyroid imaging. Brownless SM, et al. **Br J Radiol** 1989 Jun;62(738):532–5

TECHNETIUM TC 99M PERTECHNETATE

Technetium pertechnetate esophageal imaging for detection of Barrett's esophagus. Yegelwel EJ, et al. **Dig Dis Sci** 1989 Jul;34(7):1075–8

TECHNOLOGY

Nobelists emphasize interdependence in global science and technology [news] Kangilaski J. **JAMA** 1989 Jul 21; 262(3):325–6

TECHNOLOGY, MEDICAL

Prevention in the era of high-tech medicine [letter] Bokhout M. **Can Med Assoc J** 1989 Jul 15;141(2):96–7

Home care goes 'high-tech'. Champlin L. **Geriatrics** 1989 Jul;44(7):83–6

A piece of my mind. Windows. Campion FD. **JAMA** 1989 Jul 28;262(4):556

TELANGIECTASIS

Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Akesson A, et al. **Br J Rheumatol** 1989 Aug;28(4):281–6

TELEPHONE

Characteristics of patients who highly utilize telephone medical care in a private practice. Daugird AJ, et al. **J Fam Pract** 1989 Jul;29(1):59–63; discussion 63–4

Very low birth-weight infants: parental visiting and telephoning during initial infant hospitalization. Brown LP, et al. **Nurs Res** 1989 Jul–Aug;38(4):233–6

TELEVISION

Video display for teaching fiberoptic intubations [letter] Dubin SA, et al. **Anesthesiology** 1989 Jul;71(1):167

Analysis of patient response to preoperative computerized video imaging. Thomas JR, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):793–6

Bronchial television endoscopy. Ikeda S. **Chest** 1989 Jul;96(1 Suppl):41S–42S

Regaining control of the television set [letter] Agre F. **Pediatrics** 1989 Aug;84(2):404–5

TEMPERATURE

Temperature and chemical stability [letter] **Anesthesiology** 1989 Jul;71(1):165–6

The thermal environment in which 3–4 month old infants sleep at home. Wailoo MP, et al. **Arch Dis Child** 1989 Apr; 64(4):600–4

Effect of temperature on rate of left ventricular pressure fall in humans. Luke RA, et al. **Br Heart J** 1989 May; 61(5):426–31

TEMPORAL ARTERIES

Immunohistochemical analysis of lymphoid and macrophage cell subsets and their immunologic activation markers in temporal arteritis. Influence of corticosteroid treatment. Cid MC, et al. **Arthritis Rheum** 1989 Jul;32(7):884–93

TEMPORAL ARTERITIS

Dapsone in the long-term treatment of temporal arteritis [letter] Demaziere A. **Am J Med** 1989 Jul;87(1):3

Giant-cell arteritis in the southern United States. An 11-year retrospective study from the Texas Gulf Coast. Gonzalez EB, et al. **Arch Intern Med** 1989 Jul;149(7):1561–5

Immunohistochemical analysis of lymphoid and macrophage cell subsets and their immunologic activation markers in temporal arteritis. Influence of corticosteroid treatment. Cid MC, et al. **Arthritis Rheum** 1989 Jul;32(7):884–93

TEMPORAL BONE

Computer-aided three-dimensional reconstruction: a method of measuring temporal bone structures including the length of the cochlea. Takagi A, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):515–22

A temporal approach to anterior communicating artery aneurysms. Technical note. Poletti CE. **J Neurosurg** 1989 Jul;71(1):144–6

TEMPORAL LOBE

Anterior temporal lobes and hippocampal formations: normative volumetric measurements from MR images in young adults. Jack CR Jr, et al. **Radiology** 1989 Aug; 172(2):549–54

TEMPOROMANDIBULAR JOINT

Use of cross-linked bovine pericardium as a disc replacement in the rabbit temporomandibular joint. Gibeault JD, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):828–33

TEMPOROMANDIBULAR JOINT DISEASES

Synovial chondromatosis associated with experimental osteoarthritis in adult monkeys. Helmy ES, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):823–7

Arthrographic findings in the temporomandibular joint in patients with rheumatic disease. Larheim TA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):780–4

The tower of Babel [editorial] Laskin DM. **J Oral Maxillofac Surg** 1989 Aug;47(8):779

TMJ arthroscopic surgery: an analysis of 237 patients. Moses JJ, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):790–4

Standardization of diagnostic criteria for temporomandibular joint disorders [letter] Schwartz HC. **J Oral Maxillofac Surg** 1989 Aug;47(8):891

TENDINITIS

A unified approach to symptomatic juxtasternal arthritis and enthesitis. Katz ME, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):327–33

TENDON INJURIES

Patellar tendon rupture after total knee arthroplasty. Rand JA, et al. **Clin Orthop** 1989 Jul;(244):233–8

Mobilisation after Achilles tendon rupture [letter] Roberts P, et al. **Lancet** 1989 Jul 22;2(8656):224

Avulsion of the posteromedial tibial plateau by the semimembranosus tendon: diagnosis with MR imaging. Yao L, et al. **Radiology** 1989 Aug;172(2):513–4

TENDON TRANSFER

Vascularized patella tendon anterior cruciate ligament reconstruction. Arendt EA, et al. **Clin Orthop** 1989 Jul; (244):222–32

TENDONS

The role of the long head of biceps brachii in the stabilization of the head of the humerus. Kumar VP, et al. **Clin Orthop** 1989 Jul;(244):172–5

Effects of short-term immobilization versus continuous passive motion on the biomechanical and biochemical properties of the rabbit tendon. Loitz BJ, et al. **Clin Orthop** 1989 Jul;(244):265–71

TENDONS, PARA-ARTICULAR

Rotator cuff tears: diagnostic performance of MR imaging. Zlatkin MB, et al. **Radiology** 1989 Jul;172(1):223–9

TERATOMA

Pituitary-containing benign cystic teratoma arising from the uterosacral ligament. Heller DS, et al. **Arch Pathol Lab Med** 1989 Jul;113(7):802–4

Intratubular germ cell neoplasia in testicular teratomas and epidermoid cysts. Correlation with prognosis and possible biologic significance. Manivel JC, et al. **Cancer** 1989 Aug 1;64(3):715–20

Mature teratoma of the retroperitoneum: radiologic, pathologic, and clinical correlation. Davidson AJ, et al. **Radiology** 1989 Aug;172(2):421–5

TERBUTALINE

Does terbutaline cause uterine atony and increase intraoperative blood loss? [letter] Brown MS. **Am J Obstet Gynecol** 1989 Jul;161(1):259

Slow-release terbutaline and theophylline for the long-term therapy of children with asthma: a Latin square and factorial study of drug effects and interactions. Chow OK, et al. **Pediatrics** 1989 Jul;84(1):119–25

TERMINAL CARE

Teaching third-year medical students how to care for terminally ill patients. Martin RW 3d, et al. **Acad Med** 1989 Jul;64(7):413–4

TESTICULAR DISEASES

The hypoechoic band: a normal finding on testicular sonography. Fakhry J, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):321–3

TESTICULAR NEOPLASMS

Long-term morbidity after infradiaphragmatic radiotherapy in young men with testicular cancer. Fosså SD, et al. **Cancer** 1989 Jul 15;64(2):404–8

Germ cell function and hormonal status in patients with testicular cancer. Hansen PV, et al. **Cancer** 1989 Aug 15; 64(4):956–61

Intratubular germ cell neoplasia in testicular teratomas and epidermoid cysts. Correlation with prognosis and possible biologic significance. Manivel JC, et al. **Cancer** 1989 Aug 1;64(3):715–20

Adenocarcinoma of the rete testis with a spindle cell component. A possible metaplastic carcinoma. Visscher DW, et al. **Cancer** 1989 Aug 1;64(3):770–5

Mortality in pediatric paratesticular rhabdomyosarcoma: a multivariate analysis. LaQuaglia MP, et al. **J Urol** 1989 Aug;142(2 Pt 2):473–8; discussion 489

Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358–60

Carcinoma in situ of the testis. Reinberg Y, et al. **J Urol** 1989 Aug;142(2):243–7 (54 ref.)

A study of post-orchiectomy surveillance in stage I testicular seminoma. Thomas GM, et al. **J Urol** 1989 Aug;142(2):313–6

Stage II seminoma: results of postorchiectomy irradiation. Sagerman RH, et al. **Radiology** 1989 Aug;172(2):565–8

TESTIS

The hypoechoic band: a normal finding on testicular sonography. Fakhry J, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):321–3

The involvement of Leydig cells in the regulation of inhibin secretion by the testis. Drummond AE, et al. **Endocrinology** 1989 Jul;125(1):510–5

The effects of aprotinin on follicle-stimulating hormone binding and signal transduction in bovine calf testis. Grasso P, et al. **Endocrinology** 1989 Jul;125(1):117–25

Histamine affects testicular steroid production in the golden hamster. Mayerhofer A, et al. **Endocrinology** 1989 Jul; 125(1):560–2

Corticosteroid 11 beta-dehydrogenase in rat testis. Phillips DM, et al. **Endocrinology** 1989 Jul;125(1):209–16

Orchiopexy: an experimental study of the effect of surgical technique on testicular histology. Bellinger MF, et al. **J Urol** 1989 Aug;142(2 Pt 2):553–5; discussion 572

Testicular and vascular changes in children and adults with varicocele. Hadziselimovic F, et al. **J Urol** 1989 Aug;142(2 Pt 2):583–5; discussion 603–5

Postnatal testicular maldevelopment in unilateral cryptorchidism. Huff DS, et al. **J Urol** 1989 Aug;142(2 Pt 2):546–8; discussion 572

Urethral replacement with tunica vaginalis: a pilot study. Khoury AE, et al. **J Urol** 1989 Aug;142(2 Pt 2):628–30; discussion 631

Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. Nistal M, et al. **J Urol** 1989 Aug;142(2):358–60

Recovery of testicular blood flow following ligation of testicular vessels. Pascual JA, et al. **J Urol** 1989 Aug;142(2 Pt 2):549–52; discussion 572

Histologic analysis of orchiopexy in a cryptorchid rabbit model. Pryor JL, et al. **J Urol** 1989 Aug;142(2):413–7

Reducing the cost of the cure in childhood leukemia [editorial; comment] Civin CI. **N Engl J Med** 1989 Jul 20; 321(3):185–7. **Comment on:. Comment on:** N Engl J Med 1989 Jul 20;321(3):136–42 N Engl J Med 1989 Jul 20;321(3):143–51

Normal or early development of puberty despite gonadal damage in children treated for acute lymphoblastic leukemia [see comment] Quigley C, et al. **N Engl J Med** 1989 Jul 20;321(3):143–51. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7

TESTOSTERONE

Sex hormones and lipoproteins in men. Kiel DP, et al. **Am J Med** 1989 Jul;87(1):35–9

Bilateral orchidectomy and concomitant testosterone replacement in the juvenile male rhesus monkey (Macaca mulatta) receiving an invariant intravenous gonadotropin-releasing hormone (GnRH) infusion results, as in the hypothalamus lesioned GnRH-driven adult male, in a selective hypersecretion of follicle-stimulating hormone. Abeyawardene SA, et al. **Endocrinology** 1989 Jul; 125(1):257–9

Sexual dimorphism and testosterone-dependent regulation of somatostatin gene expression in the periventricular nucleus of the rat brain. Chowen-Breed JA, et al. **Endocrinology** 1989 Jul;125(1):357–62

Differential steroid production between theca interna and theca externa cells: a three-cell model for follicular

steroidogenesis in avian species. Porter TE, et al. **Endocrinology** 1989 Jul;125(1):109–16
Testosterone selectively influences protein kinase-C-coupled secretion of proluteinizing hormone-releasing hormone-derived peptides. Wetsel WC, et al. **Endocrinology** 1989 Jul;125(1):538–47
Fluorimetric method for simultaneous estimation of cortisol, corticosterone, and testosterone in plasma. Mattingly D, et al. **J Clin Pathol** 1989 Jun;42(6):661–6

TETANUS TOXOID

Optimum needle length for diphtheria-tetanus-pertussis inoculation of infants. Hick JF, et al. **Pediatrics** 1989 Jul; 84(1):136–7

TETRACAINE

Epinephrine increases the effectiveness of tetracaine spinal anesthesia. Carpenter RL, et al. **Anesthesiology** 1989 Jul; 71(1):33–6

TETRADECANOYLPHORBOL ACETATE

The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. Barton RW, et al. **J Immunol** 1989 Aug 15;143(4):1278–82
Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. Cooper HL, et al. **J Immunol** 1989 Aug 1;143(3):956–63

TETRALOGY OF FALLOT

Comparison of cardiovascular adjustments to exercise in adolescents 8 to 15 years of age after correction of tetralogy of fallot, ventricular septal defect or atrial septal defect. Perrault H, et al. **Am J Cardiol** 1989 Jul 15;64(3):213–7

THALASSEMIA

Intradermal hepatitis B vaccine in thalassaemia and sickle cell disease. Mok Q, et al. **Arch Dis Child** 1989 Apr; 64(4):535–40
Decreased erythrocyte phosphoribosylpyrophosphate synthetase activity and impaired formation in thalassemia minor: a mechanism for decreased adenine nucleotide content. Zerez CR, et al. **J Lab Clin Med** 1989 Jul; 114(1):43–50
Rapid removal of excessive iron with daily, high-dose intravenous chelation therapy. Cohen AR, et al. **J Pediatr** 1989 Jul;115(1):151–5
Survival and causes of death in thalassaemia major. Zurlo MG, et al. **Lancet** 1989 Jul 1;2(8653):27–30

THALLIUM RADIOISOTOPES

Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Berman DS, et al. **Am J Cardiol** 1989 Jul 18;64(4):9B–16B
Usefulness of thallium-201 scintigraphy in predicting the development of angina pectoris in hypertensive patients with left ventricular hypertrophy. Tubau JF, et al. **Am J Cardiol** 1989 Jul 1;64(1):45–9
Prognostic value of intravenous dipyridamole thallium scintigraphy after an acute myocardial ischemic event. Younis LT, et al. **Am J Cardiol** 1989 Jul 15;64(3):161–6
Comparison of techniques for thallium-201-technetium-99m parathyroid imaging. Brownless SM, et al. **Br J Radiol** 1989 Jun;62(738):532–5

THECA CELLS

Regulation of steroidogenesis in cultured porcine theca cells by growth factors. Caubo B, et al. **Endocrinology** 1989 Jul; 125(1):321–6
Differential steroid production between theca interna and theca externa cells: a three-cell model for follicular steroidogenesis in avian species. Porter TE, et al. **Endocrinology** 1989 Jul;125(1):109–16

THEOPHYLLINE

Slow-release terbutaline and theophylline for the long-term therapy of children with asthma: a Latin square and factorial study of drug effects and interactions. Chow OK, et al. **Pediatrics** 1989 Jul;84(1):119–25

THERAPEUTIC EQUIVALENCY

Drug substitution and rational therapeutics. Old problems and new challenges. Nelson EB. **Postgrad Med** 1989 Jul; 86(1):247–50

THERMOGRAPHY

Thermographic evidence for demarcation of the sympatholytic effect following intravenous regional guanethidine block (IVRGB) [letter] Weyland A, et al. **Anesthesiology** 1989 Jul;71(1):171–2
Thermography [letter] **Neurology** 1989 Jul;39(7):1003–5

THIAZOLES

Effect of prostaglandin E1 analogue TFC 612 on diabetic neuropathy in streptozocin-induced diabetic rats. Comparison with aldose reductase inhibitor ONO 2235. Yasuda H, et al. **Diabetes** 1989 Jul;38(7):832–8
Randomized, double-blind comparison of famotidine with ranitidine in treatment of acute, benign gastric ulcer disease. Community-based study coupled with a patient registry. Brazer SR, et al. **Dig Dis Sci** 1989 Jul;34(7):1047–52

THIGH

US location of the adductor canal hiatus: morphologic study. Scholten FG, et al. **Radiology** 1989 Jul;172(1):75–8

THINKING

Thoughts and ethics. The place for thought in medical ethical decision-making. Graner JL. **Lancet** 1989 Jul 15; 2(8655):150

THIO-TEPA

The effect of liposome encapsulated antineoplastic agents on transitional cell carcinoma in tissue culture. Egerdie RB, et al. **J Urol** 1989 Aug;142(2):390–8

THORACIC ARTERIES

Percutaneous transluminal angioplasty of left internal mammary artery grafts: two years' experience with a femoral approach. Bell MR, et al. **Br Heart J** 1989 May; 61(5):417–20
Sequential mammary grafting. Clinical, functional, and angiographic assessment 6 months postoperatively in 231 consecutive patients. Dion R, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):80–8; discussion 88–9
Invited letter concerning: preparation of the internal mammary artery graft: which is the best method? [letter] Green GE. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):152–3
Preparation of the internal mammary artery graft. Which is the best method? Mills NL, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):73–7; discussion 78–9

THORACIC INJURIES

Chest wall distortion in patients with flail chest. Tzelepis GE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):31–7
Myocardial contusion. When can the diagnosis be eliminated? Miller FB, et al. **Arch Surg** 1989 Jul;124(7):805–7; discussion 807–8
A prospective evaluation of 68 patients suffering blunt chest trauma for evidence of cardiac injury. Helling TS, et al. **J Trauma** 1989 Jul;29(7):961–5; discussion 965–6

THORACIC NERVES

Bleeding after intercostal nerve block in a patient anticoagulated with heparin. Nielsen CH. **Anesthesiology** 1989 Jul;71(1):162–4

THORACIC RADIOGRAPHY

Limited value of chest radiography in uncomplicated hypertension [letter] Dimmitt SB, et al. **Lancet** 1989 Jul 8;2(8654):104
Chest pain and dyspnea related to "crack" cocaine smoking: value of chest radiography. Eurman DW, et al. **Radiology** 1989 Aug;172(2):459–62

THORACIC VERTEBRAE

Avascular necrosis of the vertebral body: MR imaging. Naul LG, et al. **Radiology** 1989 Jul;172(1):219–22

THORACOTOMY

The control of post-thoracotomy pain [letter] Bromage PR. **Anaesthesia** 1989 May;44(5):445–6
Apparent association between thymic cysts and prior thoracotomy. Jaramillo D, et al. **Radiology** 1989 Jul; 172(1):207–9

THORAX

Amplitude dependency of regional chest wall resistance and elastance at normal breathing frequencies. Barnas GM, et al. **Am Rev Respir Dis** 1989 Jul;140(1):25–30
Chest wall distortion in patients with flail chest. Tzelepis GE, et al. **Am Rev Respir Dis** 1989 Jul;140(1):31–7

THROMBIN

Thrombin is an important mediator of platelet aggregation in stenosed canine coronary arteries with endothelial injury. Eidt JF, et al. **J Clin Invest** 1989 Jul;84(1):18–27
Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. Olson JD, et al. **J Lab Clin Med** 1989 Jul; 114(1):6–18
Origin of HA-fibrin glue mixture for ridge augmentation [letter] Bochlogyros PN. **J Oral Maxillofac Surg** 1989 Aug; 47(8):891

THROMBOCYTOPENIA

Asymptomatic thrombocytopenia associated with chorioangioma of placenta. Limaye NS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):76–7
Immune thrombocytopenia in hemophiliacs infected with human immunodeficiency virus and their response to splenectomy. Kim HC, et al. **Arch Intern Med** 1989 Jul; 149(7):1685–8
Thrombocytopenia—a rare but potentially serious side effect of initial daily and interrupted use of rifampicin. Lee CH, et al. **Chest** 1989 Jul;96(1):202–3
The significance of thrombocytopenia in the development of postoperative intracranial hematoma. Chan KH, et al. **J Neurosurg** 1989 Jul;71(1):38–41
Endotoxaemia, pulmonary complications, and thrombocytopenia in liver transplantation. Miyata T, et al. **Lancet** 1989 Jul 22;2(8656):189–91
Thrombocytopenia and pediatric patients with AIDS [letter] Weinblatt M. **Pediatrics** 1989 Aug;84(2):401–2

THROMBOEMBOLISM

Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Stein B, et al. **Am J Cardiol** 1989 Jul 18;64(4):33B–40B (51 ref.)
Incidence of septic and thromboembolic-related deaths after splenectomy in adults. Pimpl W, et al. **Br J Surg** 1989 May; 76(5):517–21

THROMBOPHLEBITIS

Low molecular weight heparins and prevention of postoperative thrombosis [letter] Bounameaux H. **Br J Surg** 1989 May;76(5):524
Deep vein thrombosis of the arm associated with malignancy. Hung SS. **Cancer** 1989 Jul 15;64(2):531–5
Development of an in vivo model for assessment of drug-induced vascular injury. Johnson JV, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):819–22
A prospective double-blind trial of a low molecular weight heparin once daily compared with conventional low-dose heparin three times daily to prevent pulmonary embolism and venous thrombosis in patients with hip fracture. Monreal M, et al. **J Trauma** 1989 Jun;29(6):873–5
Diagnosis of deep-vein thrombosis. **Lancet** 1989 Jul 1; 2(8653):23–4 (19 ref.)

THROMBOPLASTIN

Special report: a simple system for the derivation of International Normalized Ratios for the reporting of prothrombin time results with North American thromboplastin reagents. Poller L, et al. **Am J Clin Pathol** 1989 Jul;92(1):124–6

THROMBOSIS

Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Bansal RC, et al. **Am J Cardiol** 1989 Jul 15;64(3):243–6
Successful percutaneous transvenous catheter balloon mitral commissurotomy after warfarin therapy and resolution of left atrial thrombus. Hung JS, et al. **Am J Cardiol** 1989 Jul 1;64(1):126–8
Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Stein B, et al. **Am J Cardiol** 1989 Jul 18;64(4):33B–40B (51 ref.)
Prevention of left ventricular mural thrombus. Turpie AG. **Am J Cardiol** 1989 Jul 18;64(4):41B–43B
Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Leventhal LJ, et al. **Am J Med** 1989 Jul;87(1):111–3
Echocardiographic detection of an infected superior vena caval thrombus presenting as a right atrial mass. Dick AE, et al. **Chest** 1989 Jul;96(1):212–4
Short- and long-term complications of coronary angioplasty [clinical conference] Lange RA, et al. **Chest** 1989 Jul; 96(1):151–7 (30 ref.)
Prothrombotic abnormalities in inflammatory bowel disease. Conlan MG, et al. **Dig Dis Sci** 1989 Jul;34(7):1089–93
Increased plasma fibrinopeptide A levels during attacks induced by hyperventilation in patients with coronary vasospastic angina. Oshima S, et al. **J Am Coll Cardiol** 1989 Jul;14(1):150–4
Heparin for mural thrombosis in anterior myocardial infarction [letter] **N Engl J Med** 1989 Jul 27;321(4):259–60
Pancreatic carcinoma. An unusual presentation—inferior vena cava thrombosis. Beyth RJ, et al. **Postgrad Med** 1989 Jul;86(1):229–32
Thrombosis of portal vein in absence of hepatic disease. Belli L, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):46–9
Thrombectomy of acute iliofemoral venous thrombosis during pregnancy. Mogensen K, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):50–4
Spontaneous subclavain vein thrombosis: a successful combined approach of local thrombolytic therapy followed

by first rib resection [letter] Kunkel JM, et al. **Surgery** 1989 Jul;106(1):114

THROMBOXANE A2

The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Gray PR, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):154–60

Thromboxane-mediated hypertension and vascular leakage evoked by low doses of Escherichia coli hemolysin in rabbit lungs. Seeger W, et al. **J Clin Invest** 1989 Jul;84(1):220–7

The use of aspirin to prevent pregnancy-induced hypertension and lower the ratio of thromboxane A2 to prostacyclin in relatively high risk pregnancies. Schiff E, et al. **N Engl J Med** 1989 Aug 10;321(6):351–6

THROMBOXANES

Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. Benigni A, et al. **N Engl J Med** 1989 Aug 10;321(6):357–62

Thromboxane antagonism in lupus nephritis [letter] Kallenberg CG, et al. **N Engl J Med** 1989 Aug 3; 321(5):330–1

THUMB

Differential effects of pancuronium on masseter and adductor pollicis muscles in humans. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):57–61

THYMUS GLAND

Divergent patterns of pulmonary blastomycosis induced by conidia and yeasts in athymic and euthymic mice. Frey CL, et al. **Am Rev Respir Dis** 1989 Jul;140(1):118–24

Neuroendocrine control of thymic hormonal production. I. Prolactin stimulates in vivo and in vitro the production of thymulin by human and murine thymic epithelial cells. Dardenne M, et al. **Endocrinology** 1989 Jul;125(1):3–12

A role for the thymic epithelium in the selection of pre-T cells from murine bone marrow. Bauvois B, et al. **J Immunol** 1989 Aug 15;143(4):1077–86

Somatostatin gene expression in the thymus gland. Fuller PJ, et al. **J Immunol** 1989 Aug 1;143(3):1015–7

Effect of IL-7 on the growth of fetal thymocytes in culture. Watson JD, et al. **J Immunol** 1989 Aug 15;143(4):1215–22

Bilateral ectopic thymus gland tissue associated with the cleft lip and palate [letter] Dado DV, et al. **Plast Reconstr Surg** 1989 Aug;84(2):376

Normal and abnormal thymus in childhood: MR imaging. Siegel MJ, et al. **Radiology** 1989 Aug;172(2):367–71

THYMUS HORMONES

Zinc-dependent low thymic hormone level in type I diabetes. Mocchegiani E, et al. **Diabetes** 1989 Jul;38(7):932–7

Neuroendocrine control of thymic hormonal production. I. Prolactin stimulates in vivo and in vitro the production of thymulin by human and murine thymic epithelial cells. Dardenne M, et al. **Endocrinology** 1989 Jul;125(1):3–12

THYROGLOBULIN

Significance of the recognition of certain antigenic regions on the human thyroglobulin molecule by natural autoantibodies from healthy subjects. Bouanani M, et al. **J Immunol** 1989 Aug 15;143(4):1129–32

THYROID DISEASES

Thyroid dysfunction after radiotherapy and chemotherapy of brain tumours. Livesey EA, et al. **Arch Dis Child** 1989 Apr;64(4):593–5

Angioimmunoblastic lymphadenopathy associated with thyroid disease [letter] Ambepitiya GB. **J Clin Pathol** 1989 Jun;42(6):668–9

THYROID GLAND

Thyrotropin modulates receptors for atrial natriuretic peptide on intact human thyroid cells. Tseng YC, et al. **Am J Med Sci** 1989 Jul;298(1):15–9

Thyroid function in children after treatment for acute lymphoblastic leukaemia [letter] Carter EP, et al. **Arch Dis Child** 1989 Apr;64(4):631

Morphologic changes in the thyroid after irradiation for Hodgkin's and non-Hodgkin's lymphoma. Carr RF, et al. **Cancer** 1989 Aug 15;64(4):825–9

Alterations in thyroid blood flow induced by varying levels of iodine intake in the rat. Michalkiewicz M, et al. **Endocrinology** 1989 Jul;125(1):54–60

Extracellular adenosine triphosphate completely reverses the thyrotropin-induced morphological change in FRTL-5 cells. Nazarea M, et al. **Endocrinology** 1989 Jul;125(1):100–8

Impairment of hypothalamic-pituitary-thyroid function in rats treated with human recombinant tumor necrosis factor-alpha (cachectin). Pang XP, et al. **Endocrinology** 1989 Jul;125(1):76–84

Thyroid gland: US in patients with Hodgkin disease treated with radiation therapy in childhood. Stewart RR, et al. **Radiology** 1989 Jul;172(1):159–63

THYROID HORMONES

Methimazole and serum thyroid hormone concentrations in hyperthyroid patients: effects of single and multiple daily doses. Roti E, et al. **Ann Intern Med** 1989 Jul 15; 111(2):181–2

Evidence for neuropeptide Y synthesis in the rat anterior pituitary and the influence of thyroid hormone status: comparison with vasoactive intestinal peptide, substance P, and neurotensin. Jones PM, et al. **Endocrinology** 1989 Jul;125(1):334–41

Rapid effects of the flavonoid EMD 21388 on serum thyroid hormone binding and thyrotropin regulation in the rat. Köhrle J, et al. **Endocrinology** 1989 Jul;125(1):532–7

Thyroid hormones modulate thyrotropin-releasing hormone biosynthesis in tissues outside the hypothalamic-pituitary axis of male rats. Simard M, et al. **Endocrinology** 1989 Jul; 125(1):524–31

THYROID NEOPLASMS

Obstructive manifestations of thyroid lymphoma. Van Ruiswyk J, et al. **Arch Intern Med** 1989 Jul;149(7):1575–7

Hemoptysis as the presenting manifestation of thyroid carcinoma. A case report. Weiland JE, et al. **Arch Intern Med** 1989 Jul;149(7):1693–4

Medullary carcinoma in children. Results of early detection and surgery. Telander RL, et al. **Arch Surg** 1989 Jul; 124(7):841–3

Chromosome studies in thyroid neoplasia. Bondeson L, et al. **Cancer** 1989 Aug 1;64(3):680–5

Morphologic changes in the thyroid after irradiation for Hodgkin's and non-Hodgkin's lymphoma. Carr RF, et al. **Cancer** 1989 Aug 15;64(4):825–9

Occult papillary thyroid carcinoma at autopsy in La Plata, Argentina. Ottino A, et al. **Cancer** 1989 Jul 15;64(2):547–51

Hyperthyroidism without elevated levels of thyroxine and triiodothyronine in a patient with pulmonary tuberculosis. Archambeaud-Mouveroux F, et al. **South Med J** 1989 Jul; 82(7):907–10

Hyperthyroidism and concurrent thyroid malignancies. Rieger R, et al. **Surgery** 1989 Jul;106(1):6–10

THYROTOXICOSIS

Peri-operative management of severe thyrotoxicosis with esmolol. Vijayakumar HR, et al. **Anaesthesia** 1989 May; 44(5):406–8

THYROTROPIN

Thyrotropin modulates receptors for atrial natriuretic peptide on intact human thyroid cells. Tseng YC, et al. **Am J Med Sci** 1989 Jul;298(1):15–9

Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Bartsch C, et al. **Cancer** 1989 Jul 15;64(2):426–33

Characterization of anterior pituitary target cells for arginine vasopressin: including cells that store adrenocorticotropin, thyrotropin-beta, and both hormones. Childs GV, et al. **Endocrinology** 1989 Jul;125(1):554–9

Rapid effects of the flavonoid EMD 21388 on serum thyroid hormone binding and thyrotropin regulation in the rat. Köhrle J, et al. **Endocrinology** 1989 Jul;125(1):532–7

Extracellular adenosine triphosphate completely reverses the thyrotropin-induced morphological change in FRTL-5 cells. Nazarea M, et al. **Endocrinology** 1989 Jul;125(1):100–8

THYROTROPIN RELEASING HORMONE

Thyroid hormones modulate thyrotropin-releasing hormone biosynthesis in tissues outside the hypothalamic-pituitary axis of male rats. Simard M, et al. **Endocrinology** 1989 Jul; 125(1):524–31

Central nervous system action of thyrotropin-releasing hormone to increase gastric mucosal blood flow in the rat. Thiefin G, et al. **Gastroenterology** 1989 Aug;97(2):405–11

THYROXINE

Acute thyroxine ingestion in pediatric patients. Lewander WJ, et al. **Pediatrics** 1989 Aug;84(2):262–5

Hyperthyroidism without elevated levels of thyroxine and triiodothyronine in a patient with pulmonary tuberculosis. Archambeaud-Mouveroux F, et al. **South Med J** 1989 Jul; 82(7):907–10

THYROXINE-BINDING PROTEIN

Hypothyroidism with thyroxine-binding globulin excess [letter] Leung AK, et al. **Pediatrics** 1989 Jul;84(1):197

TIBIA

Changes in tibial venous blood flow in the evolving compartment syndrome. Jones WG 2d, et al. **Arch Surg** 1989 Jul;124(7):801–4

Proximal Tibial Osteotomy in Patients Who Are Fifty Years Old or Less. A Long-term Follow-Up Study [letter] **J Bone Joint Surg [Am]** 1989 Jul;71(6):951–2

Osteotomy of the tibial tubercle during total knee replacement. A report of twenty-six cases. Wolff AM, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):848–52

TIBIAL FRACTURES

Infection after intramedullary nailing of severe open tibial fractures initially treated with external fixation. Maurer DJ, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):835–8

Avulsion of the posteromedial tibial plateau by the semimembranosus tendon: diagnosis with MR imaging. Yao L, et al. **Radiology** 1989 Aug;172(2):513–4

Severe trauma to the lower extremity: long-term sequelae. Moore TJ, et al. **South Med J** 1989 Jul;82(7):843–4

TIC

Tic disorders in childhood (and beyond). Leung AK, et al. **Postgrad Med** 1989 Jul;86(1):251–2, 257–61 (29 ref.)

TICK CONTROL

Immunologic control of a parasitic arthropod. Identification of a protective antigen from Boophilus microplus. Willadsen P, et al. **J Immunol** 1989 Aug 15;143(4):1346–51

TICK INFESTATIONS

Immunologic control of a parasitic arthropod. Identification of a protective antigen from Boophilus microplus. Willadsen P, et al. **J Immunol** 1989 Aug 15;143(4):1346–51

TICKS

Is Ixodes (ixodiopsis) angustus a vector of Lyme disease in Washington State? Damrow T, et al. **West J Med** 1989 May;150(5):580–2

TICLOPIDINE

Ticlopidine in the treatment of intermittent claudication: a 21-month double-blind trial. Balsano F, et al. **J Lab Clin Med** 1989 Jul;114(1):84–91

TINNITUS

Aspirin abolishes tinnitus caused by spontaneous otoacoustic emissions. A case study. Penner MJ. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):871–5

TISSUE ADHESIVES

The Nd:YAG laser removal of cyanoacrylate used to repair conjunctival wound leaks. Martinez LA, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):86–7

Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. Chopin DK, et al. **J Urol** 1989 Aug;142(2):363–5

TISSUE CULTURE

Cultured composite skin grafts: biological skin equivalents permitting massive expansion. Nanchahal J, et al. **Lancet** 1989 Jul 22;2(8656):191–3

TISSUE DONORS

Vascular organ procurement in the trauma population. Morris JA Jr, et al. **J Trauma** 1989 Jun;29(6):782–7; discussion 787–8

Organ donation—are we moving in the right direction? Krom RA. **Mayo Clin Proc** 1989 Jun;64(6):705–7

On the use of anencephalic infants as organ donors. Medearis DN Jr, et al. **N Engl J Med** 1989 Aug 10;321(6):391–3

Experience with anencephalic infants as prospective organ donors. Peabody JL, et al. **N Engl J Med** 1989 Aug 10; 321(6):344–50

Anencephalic newborns. Can organs be transplanted before brain death? Truog RD, et al. **N Engl J Med** 1989 Aug 10;321(6):388–91

Incidental fibromuscular dysplasia in potential renal donors: long-term clinical follow-up. Cragg AH, et al. **Radiology** 1989 Jul;172(1):145–7

TISSUE EXTRACTS

The vasopressin-associated glycopeptide is not a prolactin-releasing factor: studies with lactating Brattleboro rats. Hyde JF, et al. **Endocrinology** 1989 Jul; 125(1):35–40

Plasminogen activator and prostaglandin E2 levels in human synovial fibroblasts. Differential stimulation by synovial activator and other cytokines. Leizer T, et al. **J Immunol** 1989 Aug 1;143(3):971–8

TISSUE PRESERVATION

Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Sieck EA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1023–4

TOBACCO

Use of smokeless tobacco, cigarette smoking, and hypercholesterolemia. Tucker LA. **Am J Public Health** 1989 Aug;79(8):1048–50
Particle size distribution of mainstream tobacco and marijuana smoke. Analysis using the electrical aerosol analyzer. Anderson PJ, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):202–5
Daily use of smokeless tobacco: systemic effects. Benowitz NL, et al. **Ann Intern Med** 1989 Jul 15;111(2):112–6
Respiratory disease and lung function in a tobacco industry. Kjaergaard SK, et al. **Arch Environ Health** 1989 May–Jun; 44(3):164–70
Dioxins in cigarette smoke. Muto H, et al. **Arch Environ Health** 1989 May–Jun;44(3):171–4
Boycotting pharmacies that sell tobacco products [letter] Pinsky N. **Can Med Assoc J** 1989 Jul 15;141(2):96
Cigarette sales to minors through vending machines [letter] Reed WW. **JAMA** 1989 Aug 4;262(5):614–5

TOBACCO SMOKE POLLUTION

Formaldehyde exposures from tobacco smoke: a review. Godish T. **Am J Public Health** 1989 Aug;79(8):1044–5 (18 ref.)
Home air nicotine levels and urinary cotinine excretion in preschool children. Henderson FW, et al. **Am Rev Respir Dis** 1989 Jul;140(1):197–201
Exposure to cigarette smoke and cervical cancer [letter] Zang EA, et al. **JAMA** 1989 Jul 28;262(4):499
Passive smoking and low birthweight [letter] Chen Y, et al. **Lancet** 1989 Jul 1;2(8653):54–5

TOBACCO USE DISORDER

The National Cancer Institute's Smoking, Tobacco, and Cancer Program. Cullen JW. **Chest** 1989 Jul;96(1 Suppl):9S–13S
Role of the physician as opinion leader in tobacco control. Kunze M. **Chest** 1989 Jul;96(1 Suppl):13S–14S

TOCOLYSIS

Fetal and neonatal cardiovascular complications from beta-sympathomimetic therapy for tocolysis. Katz VL, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):1–4

TOGAVIRUS INFECTIONS

Role of the immune response in Sindbis virus-induced paralysis of SJL/J mice. Mokhtarian F, et al. **J Immunol** 1989 Jul 15;143(2):633–7

TOLAZAMIDE

Coordinate regulation of glucose transporter function, number, and gene expression by insulin and sulfonylureas in L6 rat skeletal muscle cells. Wang PH, et al. **J Clin Invest** 1989 Jul;84(1):62–7

TOLBUTAMIDE

Phosphoinositide hydrolysis and insulin secretion in response to glucose stimulation are impaired in isolated rat islets by prolonged exposure to the sulfonylurea tolbutamide. Zawalich WS. **Endocrinology** 1989 Jul;125(1):281–6

TOLONIUM CHLORIDE

Toluidine blue dye as a breast localization marker. Czarnecki DJ, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):261–3

TOMOGRAPHY, EMISSION COMPUTED

Portosystemic collaterals in portal hypertension: visualization by using blood-pool SPECT imaging. Kashiwagi T, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):281–5
PET scanning [letter] Miles KA. **BMJ** 1989 Apr 29; 298(6681):1177
Cerebral perfusion deficits in dysbaric illness. Adkisson GH, et al. **Lancet** 1989 Jul 15;2(8655):119–22
Positron emission tomography—the promise of metabolic imaging. Forstrom LA. **Mayo Clin Proc** 1989 Jun; 64(6):720–4 (31 ref.)
Positron emission tomography and its role in metabolic imaging. Graham MM, et al. **Mayo Clin Proc** 1989 Jun; 64(6):725–7
Positron emission tomography of the heart: mapping flow and metabolism in vivo. Merhige ME, et al. **Mayo Clin Proc** 1989 Jun;64(6):716–9 (15 ref.)
PET detection of viable tissue in myocardial segments with persistent defects at T1-201 SPECT. Brunken RC, et al. **Radiology** 1989 Jul;172(1):65–73
Meningioma subtypes: MR and PET features [letter] Di Chiro G. **Radiology** 1989 Aug;172(2):578–9
Alzheimer disease: quantitative analysis of I-123-iodoamphetamine SPECT brain imaging. Hellman RS, et al. **Radiology** 1989 Jul;172(1):183–8
Success of acute thrombolytic therapy in acute myocardial infarction: what does it demand from cardiac imaging in the 1990s? [editorial] Higgins CB. **Radiology** 1989 Jul; 172(1):17–9

TOMOGRAPHY, X-RAY COMPUTED

Use of the cluster sign in the diagnosis of small pyogenic hepatic abscesses [letter] Grant T, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):429–30
CT features of rounded atelectasis. McHugh K, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):257–60
CT of hyoid osteomyelitis [letter] Schweitzer ME, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):432–3
Mucoceles of the paranasal sinuses: MR imaging with CT correlation. Van Tassel P, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):407–12
Focal renal infarction after retroperitoneal lymph-node dissection: CT diagnosis. Zissin R, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):325–6
CT abnormalities in schizophrenia. A preliminary study of their correlations with P300/P200 electrophysiological features and positive/negative symptoms. McCarley RW, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):698–708
Ventricle-brain ratio, computed tomographic density, and brain area in 50 schizophrenics. Pearlson GD, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):690–7
Primary aortoduodenal fistula. Diagnosis by computed tomography. Ibrahim IM, et al. **Arch Surg** 1989 Jul; 124(7):870–1
PET scanning [letter] Miles KA. **BMJ** 1989 Apr 29; 298(6681):1177
The diagnosis of tumours involving the parapharyngeal space by computed tomography. Whyte AM, et al. **Br J Radiol** 1989 Jun;62(738):526–31
Radiologic staging of lung cancer using CT and MRI. Glazer GM. **Chest** 1989 Jul;96(1 Suppl):44S–47S (46 ref.)
Patterns of regional diastolic function in the normal human left ventricle: an ultrafast computed tomographic study. Rumberger JA, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):119–26
Incidence of cavum septum pellucidum in adults: a sign of boxer's encephalopathy. Bogdanoff B, et al. **Neurology** 1989 Jul;39(7):991–2
Subdural hematoma after normal CT. Deitch D, et al. **Neurology** 1989 Jul;39(7):985–7
Pyomyositis in patients with diabetes. Computed tomography as a key to diagnosis. Brown RL. **Postgrad Med** 1989 Jul; 86(1):79–81, 84, 89
Pulmonary histiocytosis X: evaluation with high-resolution CT. Brauner MW, et al. **Radiology** 1989 Jul;172(1):255–8
Pulmonary sarcoidosis: evaluation with high-resolution CT. Brauner MW, et al. **Radiology** 1989 Aug;172(2):467–71
Cushing syndrome due to primary pigmented nodular adrenocortical disease: findings at CT and MR imaging. Doppman JL, et al. **Radiology** 1989 Aug;172(2):415–20
Ectopic adrenocorticotropic hormone syndrome: localization studies in 28 patients. Doppman JL, et al. **Radiology** 1989 Jul;172(1):115–24
Biliary carcinoma: CT evaluation of extrahepatic spread. Engels JT, et al. **Radiology** 1989 Jul;172(1):35–40
Persistent CT nephrogram: significance in the diagnosis of contrast nephropathy. Love L, et al. **Radiology** 1989 Jul; 172(1):125–9
CT findings in Swyer-James syndrome. Marti-Bonmati L, et al. **Radiology** 1989 Aug;172(2):477–80
Pulmonary histiocytosis X: comparison of radiographic and CT findings. Moore AD, et al. **Radiology** 1989 Jul; 172(1):249–54
Exophytic spread of hepatobiliary disease via perihepatic ligaments: demonstration with CT and US. Mori H, et al. **Radiology** 1989 Jul;172(1):41–6
Pancreatic transplants: CT with clinical and pathologic correlation. Moulton JS, et al. **Radiology** 1989 Jul; 172(1):21–6
Hepatic tumors: comparison of CT during arterial portography, delayed CT, and MR imaging for preoperative evaluation. Nelson RC, et al. **Radiology** 1989 Jul;172(1):27–34
Risk factors before hepatectomy, hepatic function after hepatectomy and computed tomographic changes as indicators of mortality from hepatic failure. Didolkar MS, et al. **Surg Gynecol Obstet** 1989 Jul;169(1):17–26
Adrenal imaging. Computed tomographic scanning and magnetic resonance imaging. Bretan PN Jr, et al. **Urol Clin North Am** 1989 Aug;16(3):505–13 (28 ref.)

TONGUE NEOPLASMS

Squamous cell carcinoma of the tongue in children [letter] Senter TP. **Cancer** 1989 Aug 1;64(3):781–2

TONOMETRY

Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Pepose JS, et al. **Arch Ophthalmol** 1989 Jul;107(7):983–5

TONSIL

Production of lymphotoxin by isolated human tonsillar B lymphocytes and B lymphocyte cell lines. Sung SS, et al. **J Clin Invest** 1989 Jul;84(1):236–43

TONSILLITIS

Penicillin and clindamycin therapy in recurrent tonsillitis. Effect of microbial flora. Foote PA Jr, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):856–9

TORTURE

Allegations of torture in Turkey [letter] **Lancet** 1989 Jul 22; 2(8656):220–1

TOUCH

Touch: a nursing strategy in the intensive care unit. Estabrooks CA. **Heart Lung** 1989 Jul;18(4):392–401

TOURETTE SYNDROME

Controlled study of haloperidol, pimozide and placebo for the treatment of Gilles de la Tourette's syndrome. Shapiro E, et al. **Arch Gen Psychiatry** 1989 Aug;46(8):722–30

TOXEMIA

Endotoxaemia, pulmonary complications, and thrombocytopenia in liver transplantation. Miyata T, et al. **Lancet** 1989 Jul 22;2(8656):189–91

TOXOCARIASIS

Surgical management of retinal traction caused by toxocariasis. Small KW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):10–4

TOXOPLASMA

Five commercial enzyme linked immunosorbent assay kits for toxoplasma specific IgM antibody. Joynson DH, et al. **J Clin Pathol** 1989 Jun;42(6):653–7

TRACE ELEMENTS

Trace element status in multiple sclerosis. Smith DK, et al. **Am J Clin Nutr** 1989 Jul;50(1):136–40
Chemoprevention of lung cancer. Problems and progress. Greenwald P, et al. **Chest** 1989 Jul;96(1 Suppl):14S–17S (11 ref.)

TRACHEA

Neurogenic inflammation in the airways. I. Neurogenic stimulation induces plasma protein extravasation into the rat airway lumen. Kowalski ML, et al. **Am Rev Respir Dis** 1989 Jul;140(1):101–9
Effects of enflurane on contractile response of canine trachealis muscle. Kochi T, et al. **Anesth Analg** 1989 Jul; 69(1):926–34
Mechanisms of laryngotracheal injury following prolonged tracheal intubation. Bishop MJ. **Chest** 1989 Jul;96(1):185–6 (19 ref.)
Bronchoplastic and bronchovascular procedures of the tracheobronchial tree in the management of primary lung cancer. Naruke T. **Chest** 1989 Jul;96(1 Suppl):53S–56S
Endotracheal tube rupture, accidental extubation, and tracheal avulsion: three airway catastrophes associated with significant decrease in leak pressure. Spear RM, et al. **Crit Care Med** 1989 Jul;17(7):701–3
Determinants of tracheobronchial histologic alterations during conventional mechanical ventilation. Wiswell TE, et al. **Pediatrics** 1989 Aug;84(2):304–11
Reconstruction of the mediastinal trachea with a tubed pectoralis major myocutaneous flap. Fleischer A, et al. **Plast Reconstr Surg** 1989 Aug;84(2):342–6

TRACHEAL DISEASES

Differences in acoustic and dynamic characteristics of spontaneous cough in pulmonary diseases. Piirilä P, et al. **Chest** 1989 Jul;96(1):46–53

TRACHEAL NEOPLASMS

Glomus tumor of the trachea. Report of a case with ultrastructural observation. Kim YI, et al. **Cancer** 1989 Aug 15;64(4):881–6

TRACHEOESOPHAGEAL FISTULA

VATER association. A unifying concept of multiple anomalies. Beals RK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):948–50 (21 ref.)

TRACHEOSTOMY

Cuff dilatation of a tracheostomy pack [letter] Madden AP. **Anaesthesia** 1989 May;44(5):450
Tracheostomy performed under cervical epidural blockade. Ullman DA, et al. **Anesthesiology** 1989 Jul;71(1):161–2
Facilitating training in tracheoesophageal prosthesis placement. Enderle EE, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):853–5
Recurrence of sleep apnea syndrome following tracheostomy. A shift from obstructive to central apnea. Fletcher EC. **Chest** 1989 Jul;96(1):205–9

Financial implications of prolonged ventilator care under DRGs 474 and 475. Gracey DR, et al. **Chest** 1989 Jul; 96(1):193–4
Timing of tracheostomy in the critically ill patient. Marsh HM, et al. **Chest** 1989 Jul;96(1):190–3

TRACHEOTOMY

Medical indications for tracheotomy. Heffner JE. **Chest** 1989 Jul;96(1):186–90 (6 ref.)

TRANQUILIZING AGENTS, MAJOR

Informed consent and tardive dyskinesia. Kleinman I, et al. **Am J Psychiatry** 1989 Jul;146(7):902–4
Neuroleptic-induced dystonia [letter] Simpson GM, et al. **Am J Psychiatry** 1989 Jul;146(7):945
Alprazolam augmentation of neuroleptics in schizophrenia [letter] Wolkowitz OM, et al. **Am J Psychiatry** 1989 Aug; 146(8):1087–8
The positive-negative distinction in drug-free schizophrenic patients. Stability, response to neuroleptics, and prognostic significance. Kay SR, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):711–8

TRANSCRIPTION, GENETIC

Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Ono SJ, et al. **Diabetes** 1989 Jul;38(7):911–6
1,25-Dihydroxyvitamin D3 inhibits transcription of type I collagen genes in the rat osteosarcoma cell line ROS 17/2.8. Harrison JR, et al. **Endocrinology** 1989 Jul;125(1):327–33
Molecular basis of hypoxanthine-guanine phosphoribosyltransferase deficiency in ten subjects determined by direct sequencing of amplified transcripts. Davidson BL, et al. **J Clin Invest** 1989 Jul;84(1):342–6
Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies. Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. Haverty TP, et al. **J Immunol** 1989 Aug 15; 143(4):1133–41
Expression of mutant H-2d proteins encoded by class I genes which alternatively process the 5' end of their transcripts. Hedley ML, et al. **J Immunol** 1989 Aug 1;143(3):1026–31
Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. Weiss EA, et al. **J Immunol** 1989 Aug 1;143(3):1046–52

TRANSDUCERS

Intrapartum uterine activity: evaluation of an intrauterine pressure transducer [letter] Goodlin RC. **Obstet Gynecol** 1989 Aug;74(2):283–4

TRANSFECTION

Analysis of epitope expression and the functional repertoire of recombinant complement receptor 2 (CR2/CD21) in mouse and human cells. Carel JC, et al. **J Immunol** 1989 Aug 1;143(3):923–30

TRANSFORMING GROWTH FACTORS

Collagen synthesis by normal and fibrotic human lung fibroblasts and the effect of transforming growth factor-beta. Raghu G, et al. **Am Rev Respir Dis** 1989 Jul; 140(1):95–100
A strategy for determining the pathogenesis of systemic sclerosis. Is transforming growth factor beta the answer? Leroy EC, et al. **Arthritis Rheum** 1989 Jul;32(7):817–25 (66 ref.)
Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S–31S (13 ref.)
Parathyroid hormone-related protein modulates the effect of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. Centrella M, et al. **Endocrinology** 1989 Jul;125(1):199–208
Inhibition of early murine hemopoietic progenitor cell proliferation after in vivo locoregional administration of transforming growth factor-beta 1. Goey H, et al. **J Immunol** 1989 Aug 1;143(3):877–80
Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. Lafyatis R, et al. **J Immunol** 1989 Aug 15;143(4):1142–8
Inhibition of lymphocyte function by glioblastoma-derived transforming growth factor beta 2. Kuppner MC, et al. **J Neurosurg** 1989 Aug;71(2):211–7

TRANSPLANTATION

Psychiatric aspects of organ transplantation. Surman OS. **Am J Psychiatry** 1989 Aug;146(8):972–82 (144 ref.)
Obstacles to organ donation. Wakeford RE, et al. **Br J Surg** 1989 May;76(5):436–9

TRANSPLANTATION, AUTOLOGOUS

Donor site morbidity following harvesting of autogenous rib grafts. Skouteris CA, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):808–12

TRANSPLANTATION, HOMOLOGOUS

Bronchiolitis obliterans in heart-lung transplantation patients: radiologic findings in 11 patients. Skeens JL, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):253–6
Biliary tract complications in orthotopic adult liver transplantation. Wilson BJ, et al. **Am J Surg** 1989 Jul; 158(1):68–70
Rapamycin for immunosuppression in organ allografting [letter] Calne RY, et al. **Lancet** 1989 Jul 22;2(8656):227
Classification and terminology of hepatic allograft rejection: whither bound? Ludwig J. **Mayo Clin Proc** 1989 Jun; 64(6):676–9
Massive allografts in surgery of bone tumors. Mnaymneh W, et al. **Orthop Clin North Am** 1989 Jul;20(3):455–67
A new method? [letter] Calne R. **Surgery** 1989 Jul;106(1):114

TRANSPORTATION OF PATIENTS

Emergency interhospital transport of the major trauma patient: air versus ground. Boyd CR, et al. **J Trauma** 1989 Jun;29(6):789–93; discussion 793–4
Direct transport to the operating room for resuscitation of trauma patients. Rhodes M, et al. **J Trauma** 1989 Jul; 29(7):907–13; discussion 913–5
Adverse events during interhospital transport: physiologic deterioration associated with pretransport severity of illness. Kanter RK, et al. **Pediatrics** 1989 Jul;84(1):43–8
Evolution of civil aeromedical helicopter aviation. Meier DR, et al. **South Med J** 1989 Jul;82(7):885–91

TRANSPOSITION OF GREAT VESSELS

Balloon dilation of pulmonary venous pathway obstruction after Mustard repair for transposition of the great arteries. Cooper SG, et al. **J Am Coll Cardiol** 1989 Jul;14(1):194–8
Atresia of the coronary sinus orifice. Fatal outcome after intraoperative division of the drainage left superior vena cava. Yokota M, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):30–2

TRAUMA CENTERS

Presence of three or more rib fractures as an indicator of need for interhospital transfer. Lee RB, et al. **J Trauma** 1989 Jun;29(6):795–9; discussion 799–800

TRAUMATOLOGY

Traumatology today: old dogma, new directions. Presidential address to the 5th annual meeting of the Trauma Association of Canada/L'Association Canadienne de Traumatologie. Wesson DE. **J Trauma** 1989 Jun; 29(6):709–15

TRAVEL

Mixed falciparum and vivax malaria in Canadian travellers [letter] Nguyen CD, et al. **Can Med Assoc J** 1989 Jul 15; 141(2):100, 104
Pregnancy and travel: the risks of hepatitis and scuba diving [letter] **JAMA** 1989 Jul 28;262(4):497–8
The spread of chloroquine-resistant malaria in Africa. Implications for travelers. Moran JS, et al. **JAMA** 1989 Jul 14;262(2):245–8 (20 ref.)
Mobility of injection drug users and transmission of HIV [letter] Bisset C, et al. **Lancet** 1989 Jul 1;2(8653):44

TRAZODONE

Elevated antidepressant plasma levels after addition of fluoxetine. Aranow AB, et al. **Am J Psychiatry** 1989 Jul; 146(7):911–3

TRIAZOLES

Fluconazole and phenytoin: a predictable interaction. Mitchell AS, et al. **BMJ** 1989 May 13;298(6683):1315
Interaction of fluconazole with cyclosporin [letter] Ehninger G, et al. **Lancet** 1989 Jul 8;2(8654):104–5

TRICUSPID VALVE INSUFFICIENCY

Tricuspid valve repair. Operative and follow-up evaluation by Doppler color flow mapping. Czer LS, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):101–10; discussion 110–1

TRICUSPID VALVE STENOSIS

Percutaneous double balloon valvuloplasty for severe tricuspid stenosis. Goldenberg IF, et al. **Am Heart J** 1989 Aug;118(2):417–9

TRIGLYCERIDES

Plasma lipid levels in patients with panic disorder or agoraphobia. Hayward C, et al. **Am J Psychiatry** 1989 Jul; 146(7):917–9
Administration of structured lipid composed of MCT and fish oil reduces net protein catabolism in enterally fed burned rats. Teo TC, et al. **Ann Surg** 1989 Jul;210(1):100–7
Mechanisms by which saturated triacylglycerols elevate the plasma low density lipoprotein-cholesterol concentration in hamsters. Differential effects of fatty acid chain length. Woollett LA, et al. **J Clin Invest** 1989 Jul;84(1):119–28
Peanutaholic has hyperpeanutemia [letter] Scheier NR. **JAMA** 1989 Jul 28;262(4):500–1

TRIIODOTHYRONINE

Time course of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole-treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Day R, et al. **Endocrinology** 1989 Jul; 125(1):459–68
Metabolism of triiodothyroacetic acid (TA3) in rat liver. I. Deiodination of TA3 and TA3 sulfate by microsomes. Rutgers M, et al. **Endocrinology** 1989 Jul;125(1):424–32
Metabolism of triiodothyroacetic acid (TA3) in rat liver. II. Deiodination and conjugation of TA3 by rat hepatocytes and in rats in vivo. Rutgers M, et al. **Endocrinology** 1989 Jul;125(1):433–43
Heat shock of cultured GC cells enhances the level of triiodothyronine induced growth hormone (GH) and GH messenger ribonucleic acid. Shapiro LE, et al. **Endocrinology** 1989 Jul;125(1):180–5
Hyperthyroidism without elevated levels of thyroxine and triiodothyronine in a patient with pulmonary tuberculosis. Archambeaud-Mouveroux F, et al. **South Med J** 1989 Jul; 82(7):907–10

TRIMETHOPRIM

Pancytopenia and methotrexate with trimethoprim-sulfamethoxazole [letter] Jeurissen ME, et al. **Ann Intern Med** 1989 Aug 1;111(3):261
Single dose trimethoprim for urinary tract infection. Nolan T, et al. **Arch Dis Child** 1989 Apr;64(4):581–6
Wegener's granulomatosis [letter] King JW, et al. **Arch Intern Med** 1989 Jul;149(7):1695, 1698
Mineralocorticoid deficiency in HIV infection [letter] Murphy CE, et al. **BMJ** 1989 Apr 29;298(6681):1181

TRISOMY

Enlarged cisterna magna in trisomy 18: prenatal ultrasonographic diagnosis. Thurmond AS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):83–5
Eye tracking dysfunction is associated with partial trisomy of chromosome 5 and schizophrenia: a response [letter] Holzman PS, et al. **Arch Gen Psychiatry** 1989 Aug; 46(8):756–8
Delayed thymocyte maturation in the trisomy 16 mouse fetus. Berger CN, et al. **J Immunol** 1989 Jul 15;143(2):389–96
Presenile dementia associated with mosaic trisomy 21 in a patient with a Down syndrome child [letter] Rowe IF, et al. **Lancet** 1989 Jul 22;2(8656):229

TROPANES

Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. Marshall G, et al. **J Pediatr** 1989 Jul;115(1):156–60

TROPHOBLASTIC TUMOR

Gestational trophoblastic disease: a case-control study from the People's Republic of China. Brinton LA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):121–7

TROPICAL MEDICINE

Concerns about the future of medical entomology in tropical medicine research [editorial] Reeves WC. **Am J Trop Med Hyg** 1989 Jun;40(6):569–70

TRUTH DISCLOSURE

The dangerous patient. Lande RG. **J Fam Pract** 1989 Jul; 29(1):74–8
Informed consent and 25% risk of paralysis. Brahams D. **Lancet** 1989 Jul 1;2(8653):57–8
Right to know in Japan. Brahams D. **Lancet** 1989 Jul 15; 2(8655):173

TRYPANOSOMA CRUZI

Amastigote and epimastigote stage-specific components of Trypanosoma cruzi characterized by using monoclonal antibodies. Purification and molecular characterization of an 83-kilodalton amastigote protein. Pan AA, et al. **J Immunol** 1989 Aug 1;143(3):1001–8

TRYPSIN INHIBITORS

Distribution of acid stable trypsin inhibitor immunoreactivity in normal and malignant human tissues. Yoshida E, et al. **Cancer** 1989 Aug 15;64(4):860–9

TRYPTOPHAN

Menstrual cycle effects on the metabolism of tryptophan loads. Hrboticky N, et al. **Am J Clin Nutr** 1989 Jul; 50(1):46–52

Circumvention of defective neutral amino acid transport in Hartnup disease using tryptophan ethyl ester. Jonas AJ, et al. **J Clin Invest** 1989 Jul;84(1):200–4

TUBERCULIN TEST

The nonutility of chest roentgenographic examination in asymptomatic patients with positive tuberculin test results. Gottridge JA, et al. **Arch Intern Med** 1989 Jul; 149(7):1660–2

TUBERCULOSIS

ACET issues report on tuberculosis and HIV infection. Advisory Committee for Elimination of Tuberculosis. **Am Fam Physician** 1989 Jul;40(1):268–70

The National Tuberculosis Training Initiative. Reichman LB. **Ann Intern Med** 1989 Aug 1;111(3):197–8

Tuberculosis of the middle ear in an infant. Davidson S, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):876–7 (15 ref.)

Drug abuse, HIV infection, and tuberculosis [letter] Brown LS Jr, et al. **JAMA** 1989 Aug 4;262(5):615–6

Tuberculosis in the United States. Rieder HL, et al. **JAMA** 1989 Jul 21;262(3):385–9 (29 ref.)

Tuberculosis and HIV infection—new opportunities for an old pathogen [editorial] Chaisson RE. **West J Med** 1989 Jun;150(6):687–9

Tuberculosis in patients with human immunodeficiency virus infection. Review of current concepts. Theuer CP. **West J Med** 1989 Jun;150(6):700–4 (22 ref.)

TUBERCULOSIS IN CHILDHOOD

Duration of protection against tuberculosis conferred by BCG vaccination in infancy [letter] Packe GE, et al. **Arch Dis Child** 1989 Apr;64(4):634–5

Tuberculosis in the pediatric population of Houston, Texas. Starke JR, et al. **Pediatrics** 1989 Jul;84(1):28–35

TUBERCULOSIS, PULMONARY

The nonutility of chest roentgenographic examination in asymptomatic patients with positive tuberculin test results. Gottridge JA, et al. **Arch Intern Med** 1989 Jul; 149(7):1660–2

Detecting antimycobacterial antibodies [letter] Van Vooren JP, et al. **Chest** 1989 Jul;96(1):223–4

Hyperthyroidism without elevated levels of thyroxine and triiodothyronine in a patient with pulmonary tuberculosis. Archambeaud-Mouveroux F, et al. **South Med J** 1989 Jul; 82(7):907–10

TUBERCULOSIS, SPINAL

MR imaging characteristics of tuberculous spondylitis vs vertebral osteomyelitis. Smith AS, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):399–405

TUBULIN

Acetaldehyde substoichiometrically inhibits bovine neurotubulin polymerization. Smith SL, et al. **J Clin Invest** 1989 Jul;84(1):337–41

TUMOR CELLS, CULTURED

Lymphocytes generated by in vivo priming and in vitro sensitization demonstrate therapeutic efficacy against a murine tumor that lacks apparent immunogenicity. Shu SY, et al. **J Immunol** 1989 Jul 15;143(2):740–8

TUMOR LYSIS SYNDROME

Tumor lysis syndrome in nonhematopoietic neoplasms. Barton JC. **Cancer** 1989 Aug 1;64(3):738–40

TUMOR MARKERS, BIOLOGICAL

The use of serum TA-4 in monitoring patients with malignant transformation of ovarian mature cystic teratoma. Kimura T, et al. **Cancer** 1989 Jul 15;64(2):480–3

Lung cancer and autocrine growth factors. Yamaguchi K, et al. **Chest** 1989 Jul;96(1 Suppl):29S–31S (13 ref.)

Cell lineage markers in premalignant and malignant colonic mucosa. Ho SB, et al. **Gastroenterology** 1989 Aug; 97(2):392–404

TUMOR NECROSIS FACTOR

Elevated serum levels of tumor necrosis factor are associated with progressive encephalopathy in children with acquired immunodeficiency syndrome. Mintz M, et al. **Am J Dis Child** 1989 Jul;143(7):771–4

Tumor necrosis factor production during starvation. Vaisman N, et al. **Am J Med** 1989 Jul;87(1):115

Intralesional tumour necrosis factor combined with interferon gamma in metastatic melanoma. Retsas S, et al. **BMJ** 1989 May 13;298(6683):1290–1

Impairment of hypothalamic-pituitary-thyroid function in rats treated with human recombinant tumor necrosis factor-alpha (cachectin). Pang XP, et al. **Endocrinology** 1989 Jul;125(1):76–84

Reactive oxygen species facilitate the in vitro and in vivo lipopolysaccharide-induced release of tumor necrosis factor. Chaudhri G, et al. **J Immunol** 1989 Aug 15; 143(4):1290–4

Liposome-associated tumor necrosis factor retains bioactivity in the presence of neutralizing anti-tumor necrosis factor antibodies. Debs RJ, et al. **J Immunol** 1989 Aug 15; 143(4):1192–7

Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. Dubois C, et al. **J Immunol** 1989 Aug 1;143(3):964–70

Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. Heidenreich S, et al. **J Immunol** 1989 Aug 15; 143(4):1198–205

IL-4-responsive human helper T cell clones are resistant to growth inhibition by tumor necrosis factor-alpha. Pawelec GP, et al. **J Immunol** 1989 Aug 1;143(3):902–6

Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. Santamaria P, et al. **J Immunol** 1989 Aug 1; 143(3):913–22

Endotoxin-macrophage interaction: post-translational regulation of tumor necrosis factor expression. Zuckerman SH, et al. **J Immunol** 1989 Aug 15;143(4):1223–7

Immune enhancement by tumor necrosis factor-alpha improves antibiotic efficacy after hemorrhagic shock. Livingston DH, et al. **J Trauma** 1989 Jul;29(7):967–70; discussion 970–1

Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. Iizumi T, et al. **J Urol** 1989 Aug; 142(2):386–9

Plasma tumor necrosis factor levels in patients with presumed sepsis. Results in those treated with antilipid A antibody vs placebo. de Groote MA, et al. **JAMA** 1989 Jul 14; 262(2):249–51

TUMOR VIRUS INFECTIONS

Mechanism for human papillomavirus transmission at birth. Sedlacek TV, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):55–9

Biodistribution of indium 111-labeled dihematoporphyrin ether in papillomas and body tissues. Relevance to photodynamic therapy. Shikowitz MJ, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):845–7

Human papilloma virus infection in the pediatric and adolescent patient. Davis AJ, et al. **J Pediatr** 1989 Jul; 115(1):1–9 (54 ref.)

Papillomavirus infection and skin cancer in renal allograft recipients [letter] Barr BB, et al. **Lancet** 1989 Jul 22; 2(8656):224–5

TURBINATES

Secure endoscopic sinus surgery as an adjunct to functional nasal surgery. Toffel PH, et al. **Arch Otolaryngol Head Neck Surg** 1989 Jul;115(7):822–5

TURKEYS

Differential steroid production between theca interna and theca externa cells: a three-cell model for follicular steroidogenesis in avian species. Porter TE, et al. **Endocrinology** 1989 Jul;125(1):109–16

TURNER'S SYNDROME

Growth hormone secretion in Turner's syndrome and influence of oxandrolone and ethinyl oestradiol. Massarano AA, et al. **Arch Dis Child** 1989 Apr;64(4):587–92

TWINS

Management of the nonvertex second twin: primary cesarean section, external version, or primary breech extraction. Gocke SE, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):111–4

Individual growth curve standards in twins: prediction of third-trimester growth and birth characteristics. Stefos T, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):179–83

Vaginal birth after cesarean delivery in the twin gestation. Strong TH Jr, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):29–32

Twin pregnancy in premature ovarian failure after estrogen treatment: a case report. Tang L, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):172–3

Individual differences in locus of control during the second half of the life span for identical and fraternal twins reared apart and reared together. Pedersen NL, et al. **J Gerontol** 1989 Jul;44(4):P100–5

Congenital hypothyroidism and monoamniotic twins [letter] de Zegher F, et al. **Lancet** 1989 Jul 15;2(8655):169–70

TYMPANIC MEMBRANE

Are 'hot' ears really hot? [letter] Weir MR, et al. **Am J Dis Child** 1989 Jul;143(7):763–4

Randomised study of myringotomy, amoxycillin/clavulanate, or both for acute otitis media in infants. Engelhard D, et al. **Lancet** 1989 Jul 15;2(8655):141–3

TYPE A PERSONALITY

Type A behavior and outcome of coronary disease [letter] Ragland DR. **N Engl J Med** 1989 Aug 10;321(6):394

TYPHUS, ENDEMIC FLEA-BORNE

Ciprofloxacin treatment of typhus [letter] Eaton M, et al. **JAMA** 1989 Aug 11;262(6):772–3

TYROSINE

Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. Norton FL, et al. **J Immunol** 1989 Jul 15; 143(2):446–51

ULNA FRACTURES

Fatigue fracture of a forearm plate within a long-arm cast [letter] Teitge RA. **Clin Orthop** 1989 Jul;(244):310–1

Intra-articular flap fracture of the olecranon in a child. A case report. Blasier RD. **J Bone Joint Surg [Am]** 1989 Jul; 71(6):945–7

ULTRASONIC DIAGNOSIS

The hypoechoic band: a normal finding on testicular sonography. Fakhry J, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):321–3

Acute appendicitis in children: sonographic findings. Kao SC, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):375–9

Doppler and M-mode sonography of mobile carotid plaque [letter] Kotval PS, et al. **AJR Am J Roentgenol** 1989 Aug; 153(2):433–4

Sonographically guided percutaneous injection of ethanol for treatment of hepatocellular carcinoma: value of Gelfoam to mark the lesion [letter] Shiina S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):430

Cerebrovascular accidents in neonates treated with extracorporeal membrane oxygenation: sonographic-pathologic correlation. Taylor GA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):355–61

Cyst of the kidney or spontaneous splenorenal shunt? Differentiation by pulsed Doppler sonography [letter] Testa S, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):431

Noninvasive assessment of peripheral vascular disease by color flow Doppler/two-dimensional ultrasound. Rosenfield K, et al. **Am J Cardiol** 1989 Jul 15;64(3):247–51

The role of parathyroid ultrasonography in the management of primary hyperparathyroidism. Mallette LE, et al. **Am J Med Sci** 1989 Jul;298(1):51–8

First-trimester and early second-trimester diagnosis of nuchal cystic hygroma by transvaginal sonography: diverse prognosis of the septated from the nonseptated lesion. Bronshtein M, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):78–82

The importance of ultrasonography in infertile women with "forgotten" intrauterine contraceptive devices. Ron-El R, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):211–2

Enlarged cisterna magna in trisomy 18: prenatal ultrasonographic diagnosis. Thurmond AS, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):83–5

The use of transvaginal ultrasonography in the diagnosis of ectopic pregnancy. Timor-Tritsch IE, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):157–61

Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Vyas S, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):168–72

Prediction of below-knee amputation wound healing using noninvasive laser Doppler velocimetry. Kram HB, et al. **Am J Surg** 1989 Jul;158(1):29–31

Intraoperative ultrasonography in resection of small hepatocellular carcinoma associated with cirrhosis. Nagasue N, et al. **Am J Surg** 1989 Jul;158(1):40–2

Continuous cardiac output determination using transtracheal Doppler: initial results in humans. Abrams JH, et al. **Anesthesiology** 1989 Jul;71(1):11–5

Preferred imaging techniques for the diagnosis of cholecystitis and cholelithiasis. Carroll BA. **Ann Surg** 1989 Jul;210(1):1–12 (54 ref.)

Segmental liver resection using ultrasound-guided selective portal venous occlusion. Castaing D, et al. **Ann Surg** 1989 Jul;210(1):20–3

Neonatal urological ultrasound: diagnostic inaccuracies and pitfalls. Clarke NW, et al. **Arch Dis Child** 1989 Apr; 64(4):578–80

Cranial ultrasound assessment of gestational age in low birthweight infants. Murphy NP, et al. **Arch Dis Child** 1989 Apr;64(4):569–72

Documentation of suprachoroidal hemorrhage during B-scan ultrasonography. Case report. Dannemann AF, et al. **Arch Ophthalmol** 1989 Jul;107(7):960

Standardized echography in the diagnosis of lacrimal drainage dysfunction. Dutton JJ. **Arch Ophthalmol** 1989

Jul;107(7):1010–2
Ultrasound imaging of residual limbs: new use for an old technique. Hurvitz EA, et al. **Arch Phys Med Rehabil** 1989 Jul;70(7):556–8
Transcranial Doppler study of intracranial circulatory arrest. Hassler W, et al. **J Neurosurg** 1989 Aug;71(2):195–201
The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. Dejter SW Jr, et al. **J Urol** 1989 Aug;142(2 Pt 2):661–2; discussion 667–8
Sonographic evaluation and conservative management of newborns with myelomeningocele and hydronephrosis. Erickson D, et al. **J Urol** 1989 Aug;142(2 Pt 2):592–4; discussion 603–5
Identification of residual cancer in the prostate following radiation therapy: role of transrectal ultrasound guided biopsy and prostate specific antigen. Kabalin JN, et al. **J Urol** 1989 Aug;142(2):326–31
Value of sonography in true complete diphallia. Marti-Bonmati L, et al. **J Urol** 1989 Aug;142(2):356–7
Transvaginal ultrasound. **Lancet** 1989 Jul 1;2(8653):19–20 (25 ref.)
Incidence and sonographic diagnosis of bacterial ileocaecitis masquerading as appendicitis. Puylaert JB, et al. **Lancet** 1989 Jul 8;2(8654):84–6
Doppler recording of fetal movement: clinical correlation with real-time ultrasound. Besinger RE, et al. **Obstet Gynecol** 1989 Aug;74(2):277–80
Osteomyelitis: detection with US. Abiri MM, et al. **Radiology** 1989 Aug;172(2):509–11
Cirrhosis: diagnosis with sonographic study of the liver surface. Di Lelio A, et al. **Radiology** 1989 Aug; 172(2):389–92
Detection of fetal central nervous system anomalies: a practical level of effort for a routine sonogram [see comments] Filly RA, et al. **Radiology** 1989 Aug; 172(2):403–8. **Comment in:** Radiology 1989 Aug;172(2):309–311
Level 1, level 2, level 3 obstetric sonography: I'll see your level and raise you one [editorial] Filly RA. **Radiology** 1989 Aug;172(2):312
Radiology residency training in diagnostic sonography: recommendations of the Society of Radiologists in Ultrasound [letter] Filly RA. **Radiology** 1989 Aug; 172(2):577
Brain death in infants: evaluation with Doppler US. Glasier CM, et al. **Radiology** 1989 Aug;172(2):377–80
Effacement of the fetal cisterna magna in association with myelomeningocele [see comments] Goldstein RB, et al. **Radiology** 1989 Aug;172(2):409–13. **Comment in:** Radiology 1989 Aug;172(2):309–311
Biliary tract dilatation in chronic pancreatitis: CT and sonographic findings. Huntington DK, et al. **Radiology** 1989 Jul;172(1):47–50
Frequency measurements in real-time US equipment: variations from expected values. Kimme-Smith C, et al. **Radiology** 1989 Aug;172(2):449–52
Circle of Willis in newborns: color Doppler imaging of 53 healthy full-term infants. Mitchell DG, et al. **Radiology** 1989 Jul;172(1):201–5
Exophytic spread of hepatobiliary disease via perihepatic ligaments: demonstration with CT and US. Mori H, et al. **Radiology** 1989 Jul;172(1):41–6
Recommendations for obstetric sonography in the evaluation of the fetal cranium [editorial; comment] Nyberg DA. **Radiology** 1989 Aug;172(2):309–11. **Comment on:**. **Comment on:** Radiology 1989 Aug;172(2):403–8 Radiology 1989 Aug;172(2):409–13
Disparity of amniotic fluid volume and fetal size: problem of the stuck twin—US studies. Patten RM, et al. **Radiology** 1989 Jul;172(1):153–7
Lethal fetal anomalies: sonographic demonstration. Sanders RC, et al. **Radiology** 1989 Jul;172(1):1–6 (38 ref.)
Parasternal sonography of the internal mammary vessels: technique, normal anatomy, and lymphadenopathy. Scatarige JC, et al. **Radiology** 1989 Aug;172(2):453–7
US location of the adductor canal hiatus: morphologic study. Scholten FG, et al. **Radiology** 1989 Jul;172(1):75–8
Thyroid gland: US in patients with Hodgkin disease treated with radiation therapy in childhood. Stewart RR, et al. **Radiology** 1989 Jul;172(1):159–63
Intraabdominal adhesions: intraoperative US. Suslavich FJ, et al. **Radiology** 1989 Aug;172(2):387–8
Mediastinal tumors: biopsy under US guidance. Wernecke K, et al. **Radiology** 1989 Aug;172(2):473–6
Ultrasonic screening for the detection of abdominal aortic aneurysms. Quill DS, et al. **Surg Clin North Am** 1989 Aug; 69(4):713–20 (51 ref.)

ULTRASONIC THERAPY

Ultrasound/PEME for perineal pain [editorial] **Lancet** 1989 Jul 1;2(8653):22–3

ULTRASONICS

The physics and mechanics of lithotripters. Lubock P. **Dig Dis Sci** 1989 Jul;34(7):999–1005 (14 ref.)

ULTRAVIOLET RAYS

Ultraviolet radiation, Langerhans' cells, and skin cancer. Conspiracy and failure. Cruz PD Jr, et al. **Arch Dermatol** 1989 Jul;125(7):975–9 (54 ref.)
Pulsed ultraviolet laser irradiation produces endothelium-independent relaxation of vascular smooth muscle. Steg PG, et al. **Circulation** 1989 Jul;80(1):189–97
Harmful effects of ultraviolet radiation. Council on Scientific Affairs. **JAMA** 1989 Jul 21;262(3):380–4 (30 ref.)
UVA filters in sunscreen preparations [letter] Diffey BL, et al. **Lancet** 1989 Jul 15;2(8655):170

ULTRAVIOLET THERAPY

Cancer risk associated with therapeutic irradiation of skin. Burns FJ. **Arch Dermatol** 1989 Jul;125(7):979–81 (20 ref.)
Ultraviolet irradiation for hepatic rickets. Kooh SW, et al. **Arch Dis Child** 1989 Apr;64(4):617–9

UNEMPLOYMENT

Suicide and unemployment [letter] Renvoize E, et al. **BMJ** 1989 Apr 29;298(6681):1180

UNITED STATES FOOD AND DRUG ADMINISTRATION

Medical or surgical complications related to the nucleus multichannel cochlear implant [letter] Yurawecz J. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):574
The Food and Drug Administration is requesting manufacturers of cosmetic extended-wear soft contact lenses to indicate a recommended wearing time in the product labeling [news] Villforth JC. **Arch Ophthalmol** 1989 Jul;107(7):969

UNITED STATES OFFICE OF TECHNOLOGY ASSESSMENT

The congressional Office of Technology Assessment [editorial] Herdman RC. **JAMA** 1989 Jul 28;262(4):550

UNITED STATES PUBLIC HEALTH SERVICE

Economic welfare versus social justice. Windom RE. **South Med J** 1989 Jul;82(7):818–21

UNIVERSITIES

Managerial functions of college and university foodservice managers. Sultemeier PM, et al. **J Am Diet Assoc** 1989 Jul;89(7):924–8

URANIUM

Lung cancer mortality among nonsmoking uranium miners exposed to radon daughters. Roscoe RJ, et al. **JAMA** 1989 Aug 4;262(5):629–33

URBAN POPULATION

A profile of urban adult pedestrian trauma. Vestrup JA, et al. **J Trauma** 1989 Jun;29(6):741–5
Acquired immunodeficiency syndrome and adolescents: knowledge, attitudes, beliefs, and behaviors in a New York City adolescent minority population. Goodman E, et al. **Pediatrics** 1989 Jul;84(1):36–42
Tuberculosis in the pediatric population of Houston, Texas. Starke JR, et al. **Pediatrics** 1989 Jul;84(1):28–35

UREA

Intravenous urea and saline for hyponatremia [letter] Wise BL. **J Neurosurg** 1989 Aug;71(2):304–5

UREASE

How specific is the rapid urease test for diagnosing Campylobacter pylori? [letter] Bhasin D, et al. **J Clin Pathol** 1989 Jun;42(6):671

UREMIA

Optic neuropathy in uremia. Hamed LM, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):30–5
Uremic plasma after infusion of desmopressin (DDAVP) improves the interaction of normal platelets with vessel subendothelium. Escolar G, et al. **J Lab Clin Med** 1989 Jul;114(1):36–42
Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Riggs JE, et al. **Neurology** 1989 Jul; 39(7):997–8

URETER

Ureteropelvic junction obstruction associated with ureteral hypoplasia. Allen TD, et al. **J Urol** 1989 Aug;142(2):353–5
Carcinoma of the ureter: a clinicopathologic study of 49 cases. Anderström C, et al. **J Urol** 1989 Aug;142(2):280–3
Open versus endoscopic surgery in the treatment of vesicoureteral reflux. Brown S. **J Urol** 1989 Aug;142(2 Pt 2):499–500; discussion 501
Surgery for duplex kidneys with ectopic ureters: ipsilateral ureteroureterostomy versus polar nephrectomy. Smith FL, et al. **J Urol** 1989 Aug;142(2 Pt 2):532–4; discussion 542–3
Double-lumen needle for percutaneous ureteral pressure-flow studies. Epstein DH, et al. **Radiology** 1989 Aug;172(2):569–70

URETERAL CALCULI

The role of open stone surgery since extracorporeal shock wave lithotripsy. Assimos DG, et al. **J Urol** 1989 Aug;142(2):263–7
Acoustic and plasma guided lasertripsy (APGL) of urinary calculi. Bhatta KM, et al. **J Urol** 1989 Aug;142(2):433–7
Short-term changes of laboratory values after extracorporeal shock wave lithotripsy: a comparative study. Haupt G, et al. **J Urol** 1989 Aug;142(2):259–62
2,8-Dihydroxyadenine urolithiasis: report of a case in a woman in the United States. Lamontagne AE Jr. **J Urol** 1989 Aug;142(2):369–70
Piezoelectric extracorporeal shock wave lithotripsy in children. Marberger M, et al. **J Urol** 1989 Aug;142(2):349–52
Long-term results of extracorporeal shock wave lithotripsy in children. Nijman RJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):609–11; discussion 619

URETERAL DISEASES

Congenital ureteric diverticula in children and adults: classification, radiological and clinical features. Sarajlić M, et al. **Br J Radiol** 1989 Jun;62(738):551–3
Changing concepts in management of primary obstructive megaureter. Keating MA, et al. **J Urol** 1989 Aug;142(2 Pt 2):636–40; discussion 667–8
Congenital obstructed megaureters in early infancy: diagnosis and treatment. Peters CA, et al. **J Urol** 1989 Aug;142(2 Pt 2):641–5; discussion 667–8
Scrotal incarceration of the ureter with crossed renal ectopia: case report and literature review. Rocklin MS, et al. **J Urol** 1989 Aug;142(2):366–8 (17 ref.)

URETERAL NEOPLASMS

Fluoroscopically guided retrograde brush biopsy in the diagnosis of transitional cell carcinoma of the upper urinary tract: results in 45 patients. Sheline M, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):313–6
Carcinoma of the ureter: a clinicopathologic study of 49 cases. Anderström C, et al. **J Urol** 1989 Aug;142(2):280–3
M-VAC (methotrexate, vinblastine, doxorubicin and cisplatin) chemotherapy for transitional cell carcinoma: the Princess Margaret Hospital experience. Tannock I, et al. **J Urol** 1989 Aug;142(2):289–92

URETERAL OBSTRUCTION

Ureteropelvic junction obstruction associated with ureteral hypoplasia. Allen TD, et al. **J Urol** 1989 Aug;142(2):353–5
The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. Dejter SW Jr, et al. **J Urol** 1989 Aug;142(2 Pt 2):661–2; discussion 667–8
High failure rate of indwelling ureteral stents in patients with extrinsic obstruction: experience at 2 institutions. Docimo SG, et al. **J Urol** 1989 Aug;142(2):277–9
Atrial natriuretic peptide in patients with obstructive uropathy. Gulmi FA, et al. **J Urol** 1989 Aug;142(2):268–72
Coexisting ureteropelvic junction obstruction and vesicoureteral reflux: diagnostic and therapeutic implications. Hollowell JG, et al. **J Urol** 1989 Aug;142(2 Pt 2):490–3; discussion 501
Urinary obstruction reduces glomerulogenesis in the developing kidney: a model in the rabbit. McVary KT, et al. **J Urol** 1989 Aug;142(2 Pt 2):646–51; discussion 667–8
Functional outcome of pyeloplasty for ureteropelvic junction obstruction: prospective study in 30 consecutive cases. O'Reilly PH. **J Urol** 1989 Aug;142(2):273–6
Congenital obstructed megaureters in early infancy: diagnosis and treatment. Peters CA, et al. **J Urol** 1989 Aug;142(2 Pt 2):641–5; discussion 667–8
Serial renal function in an ovine model of unilateral fetal urinary tract obstruction. Ward RM, et al. **J Urol** 1989 Aug;142(2 Pt 2):652–6; discussion 667–8
Priorities in urinary diversion following pyeloplasty. Wollin M, et al. **J Urol** 1989 Aug;142(2 Pt 2):576–8; discussion 603–5
Pyeloplasty in the young infant. Wolpert JJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):573–5; discussion 603–5
Constant pressure perfusion: a method to determine obstruction in the upper urinary tract. Woodbury PW, et al. **J Urol** 1989 Aug;142(2 Pt 2):632–5; discussion 667–8
Dilation of benign ureteral strictures. Beckmann CF, et al. **Radiology** 1989 Aug;172(2):437–41

URETEROCELE

Individualized treatment of ureteroceles. Decter RM, et al. **J Urol** 1989 Aug;142(2 Pt 2):535–7; discussion 542–3
Ectopic ureteroceles: surgical management with preservation of continence—review of 60 cases. Scherz HC, et al. **J Urol** 1989 Aug;142(2 Pt 2):538–41; discussion 542–3

URETEROSTOMY

Surgery for duplex kidneys with ectopic ureters: ipsilateral ureteroureterostomy versus polar nephrectomy. Smith FL,

et al. J Urol 1989 Aug;142(2 Pt 2):532–4; discussion 542–3

URETHRA

Complications of bladder mucosal graft. Ehrlich RM, et al. J Urol 1989 Aug;142(2 Pt 2):626–7; discussion 631
Urethral replacement with tunica vaginalis: a pilot study. Khoury AE, et al. J Urol 1989 Aug;142(2 Pt 2):628–30; discussion 631
Modified meatal advancement and glanuloplasty (Arap hypospadias repair): experience in 31 patients. Scherz HC, et al. J Urol 1989 Aug;142(2 Pt 2):620–2; discussion 631
Sexual function and fertility in patients treated for posterior urethral valves. Woodhouse CR, et al. J Urol 1989 Aug; 142(2 Pt 2):586–8; discussion 603–5

URETHRAL DISEASES

Modification of the anterior perineal transanorectal approach for complicated prostatic urethrorectal fistula repair. Venable DD. J Urol 1989 Aug;142(2):381–4

URETHRITIS

Poison oak urethritis [letter] Watts WJ. N Engl J Med 1989 Jul 20;321(3):194

URIC ACID

Cyclosporine-induced hyperuricemia and gout. Lin HY, et al. N Engl J Med 1989 Aug 3;321(5):287–92

URIDINE DIPHOSPHATE SUGARS

Milk produced by mothers with galactosemia [letter] Ng WG, et al. J Pediatr 1989 Jul;115(1):166–7

URINARY CALCULI

Etiological factors in pediatric stone recurrence. Diamond DA, et al. J Urol 1989 Aug;142(2 Pt 2):606–8; discussion 619

URINARY CATHETERIZATION

Catheter malposition during cystography: a cause of diagnostic errors. Zerin JM, et al. AJR Am J Roentgenol 1989 Aug;153(2):363–7
The prevalence of urethral catheterization in Maryland nursing homes. Warren JW, et al. Arch Intern Med 1989 Jul;149(7):1535–7
Intermittent difficulty with catheterization of Indiana continent urinary reservoir: use of flexible ureteroscope. Chin JL, et al. J Urol 1989 Aug;142(2):371
High failure rate of indwelling ureteral stents in patients with extrinsic obstruction: experience at 2 institutions. Docimo SG, et al. J Urol 1989 Aug;142(2):277–9
Priorities in urinary diversion following pyeloplasty. Wollin M, et al. J Urol 1989 Aug;142(2 Pt 2):576–8; discussion 603–5
Clean, intermittent catheterization of infants with neurogenic bladder. Joseph DB, et al. Pediatrics 1989 Jul;84(1):78–82

URINARY DIVERSION

Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. J Urol 1989 Aug;142(2 Pt 2):509–11; discussion 520–1
Intermittent difficulty with catheterization of Indiana continent urinary reservoir: use of flexible ureteroscope. Chin JL, et al. J Urol 1989 Aug;142(2):371
Clinical and urodynamic features of a new intestinal urinary sphincter for continent urinary diversion. Koff SA, et al. J Urol 1989 Aug;142(2):293–6
Periodic hyperammonemic encephalopathy associated with a ureterosigmoidostomy. Cascino GD, et al. Mayo Clin Proc 1989 Jun;64(6):653–6

URINARY FISTULA

Modification of the anterior perineal transanorectal approach for complicated prostatic urethrorectal fistula repair. Venable DD. J Urol 1989 Aug;142(2):381–4

URINARY INCONTINENCE

The use of rectus fascia to manage urinary incontinence. Bauer SB, et al. J Urol 1989 Aug;142(2 Pt 2):516–9; discussion 520–1
The artificial sphincter AS800 in congenital urinary incontinence. Gonzalez R, et al. J Urol 1989 Aug;142(2 Pt 2):512–5; discussion 520–1
Compatibility of enterocystoplasty and the artificial urinary sphincter. Gonzalez R, et al. J Urol 1989 Aug;142(2 Pt 2):502–4; discussion 520–1
Closure of the exstrophic bladder: an evaluation of the factors leading to its success and its importance on urinary continence. Husmann DA, et al. J Urol 1989 Aug;142(2 Pt 2):522–4; discussion 542–3
Management of urinary incontinence after prostatectomy with the artificial urinary sphincter. Marks JL, et al. J Urol 1989 Aug;142(2):302–4
Splitting the pubis for exposure in difficult reconstructions for incontinence. Peters CA, et al. J Urol 1989 Aug;142(2 Pt 2):527–31; discussion 542–3
Augmentation cystoplasty and the artificial genitourinary sphincter. Strawbridge LR, et al. J Urol 1989 Aug;142(2):297–301
Neural stimulation for control of voiding dysfunction: a preliminary report in 22 patients with serious neuropathic voiding disorders. Tanagho EA, et al. J Urol 1989 Aug; 142(2):340–5

URINARY INCONTINENCE, STRESS

Primary stress urinary incontinence and pelvic relaxation: prospective randomized comparison of three different operations. Bergman A, et al. Am J Obstet Gynecol 1989 Jul;161(1):97–101
A digital test for pelvic muscle strength in older women with urinary incontinence. Brink CA, et al. Nurs Res 1989 Jul–Aug;38(4):196–9

URINARY TRACT

Neonatal urological ultrasound: diagnostic inaccuracies and pitfalls. Clarke NW, et al. Arch Dis Child 1989 Apr; 64(4):578–80

URINARY TRACT INFECTIONS

Single dose trimethoprim for urinary tract infection. Nolan T, et al. Arch Dis Child 1989 Apr;64(4):581–6
Perioperative antibiotic prophylaxis for transurethral resection of the prostate: is it justifiable? Houle AM, et al. J Urol 1989 Aug;142(2):317–9

URINATION

Posturination time and specific gravity in infants' diapers. Stebor AD. Nurs Res 1989 Jul–Aug;38(4):244–5

URINATION DISORDERS

Bladder autoaugmentation: early clinical experience. Cartwright PC, et al. J Urol 1989 Aug;142(2 Pt 2):505–8; discussion 520–1
Vesicoureteral reflux and voiding dysfunction: a prospective study. Seruca H. J Urol 1989 Aug;142(2 Pt 2):494–8; discussion 501
The effect of total abdominal hysterectomy on bladder function in asymptomatic women. Langer R, et al. Obstet Gynecol 1989 Aug;74(2):205–7

URINE

Eliminating unnecessary urine microscopy. Results and performance characteristics of an algorithm based on chemical reagent strip testing. Wenz B, et al. Am J Clin Pathol 1989 Jul;92(1):78–81
The urine chemistry survey—series 2. 5 years' experience with an interlaboratory comparison program. Weaver DK, et al. Arch Pathol Lab Med 1989 Jul;113(7):713–22
Predictive value of DNA measurements in bladder washings. Comparison of flow cytometry, image cytophotometry, and cytology in patients with a past history of urothelial tumors. Koss LG, et al. Cancer 1989 Aug 15;64(4):916–24
Posturination time and specific gravity in infants' diapers. Stebor AD. Nurs Res 1989 Jul–Aug;38(4):244–5

URODYNAMICS

Urodynamic changes following hormonal replacement therapy in women with premature ovarian failure. Karram MM, et al. Obstet Gynecol 1989 Aug;74(2):208–11

UROGENITAL SYSTEM

Maternal cocaine use during early pregnancy as a risk factor for congenital urogenital anomalies. Chávez GF, et al. JAMA 1989 Aug 11;262(6):795–8

UROKINASE

Effect of combined administration of saruplase and single-chain alteplase on coronary recanalization in acute myocardial infarction. Tranchesi B Jr, et al. Am J Cardiol 1989 Jul 15;64(3):229–32
Regional infusion of urokinase into occluded lower-extremity bypass grafts: long-term clinical results. Durham JD, et al. Radiology 1989 Jul;172(1):83–7

UROLOGIC DISEASES

Papers presented at the annual meeting of the Section of Urology, American Academy of Pediatrics. San Francisco, California, October 15–20, 1988. J Urol 1989 Aug;142(2 Pt 2):473–668

UROLOGIC NEOPLASMS

Predictive value of DNA measurements in bladder washings. Comparison of flow cytometry, image cytophotometry, and cytology in patients with a past history of urothelial tumors. Koss LG, et al. Cancer 1989 Aug 15;64(4):916–24

UROLOGY

Pediatric Urology Medal. J. Herbert Johnston tribute. Glassberg KI. J Urol 1989 Aug;142(2 Pt 2):544–5
Double-lumen needle for percutaneous ureteral pressure-flow studies. Epstein DH, et al. Radiology 1989 Aug;172(2):569–70

UTERINE CONTRACTION

Uncoupling of excitation from contraction in uterine smooth muscle in near-term ewes. Reid DL, et al. Am J Obstet Gynecol 1989 Jul;161(1):229–33
Intravenous nitroglycerin for uterine relaxation in the postpartum patient with retained placenta [letter] Peng AT, et al. Anesthesiology 1989 Jul;71(1):172–3

UTERINE DISEASES

Long-term prognosis of pregnancies in women with intrauterine hematomas. Børlum KG, et al. Obstet Gynecol 1989 Aug;74(2):231–3

UTERINE HEMORRHAGE

Does terbutaline cause uterine atony and increase intraoperative blood loss? [letter] Brown MS. Am J Obstet Gynecol 1989 Jul;161(1):259

UTERINE NEOPLASMS

Mixed müllerian sarcoma of the uterus: MR imaging findings. Shapeero LG, et al. AJR Am J Roentgenol 1989 Aug; 153(2):317–9
Gestational trophoblastic disease: a case-control study from the People's Republic of China. Brinton LA, et al. Am J Obstet Gynecol 1989 Jul;161(1):121–7
Sarcoma associated with pregnancy. Kyodo Y, et al. Am J Obstet Gynecol 1989 Jul;161(1):94–6
Pituitary-containing benign cystic teratoma arising from the uterosacral ligament. Heller DS, et al. Arch Pathol Lab Med 1989 Jul;113(7):802–4
Complication of triptorelin treatment for uterine myomas [letter] Ellenbogen A, et al. Lancet 1989 Jul 15; 2(8655):167–8
Human chorionic gonadotropin and free subunits' serum levels in patients with partial and complete hydatidiform moles. Berkowitz R, et al. Obstet Gynecol 1989 Aug; 74(2):212–6
Prognostic significance of positive peritoneal cytology in clinical stage I adenocarcinoma of the endometrium. Lurain JR, et al. Obstet Gynecol 1989 Aug;74(2):175–9
Morbidity of lymph node sampling in cancers of the uterine corpus and cervix. Moore DH, et al. Obstet Gynecol 1989 Aug;74(2):180–4
Repetitive complete and partial hydatidiform mole. Rice LW, et al. Obstet Gynecol 1989 Aug;74(2):217–9

UTERUS

Does terbutaline cause uterine atony and increase intraoperative blood loss? [letter] Brown MS. Am J Obstet Gynecol 1989 Jul;161(1):259
Uterine development and endocrine relationships after menarche. Porcu E, et al. Am J Obstet Gynecol 1989 Jul; 161(1):174–7
Uncoupling of excitation from contraction in uterine smooth muscle in near-term ewes. Reid DL, et al. Am J Obstet Gynecol 1989 Jul;161(1):229–33
Hernia uterus inguinale associated with unicornuate uterus. Elliott DC, et al. Arch Surg 1989 Jul;124(7):872–3
Palpation of the uterine scar after vaginal delivery [letter] Schneider G. Can Med Assoc J 1989 Jul 15;141(2):98
Intrapartum uterine activity: evaluation of an intrauterine pressure transducer [letter] Goodlin RC. Obstet Gynecol 1989 Aug;74(2):283–4
Transcervical uterine cultures with a new endometrial suction curette: a comparison of three sampling methods in postpartum endometritis. Martens MG, et al. Obstet Gynecol 1989 Aug;74(2):273–6

UTILIZATION REVIEW

An example of hospital utilization review. Wilson LD. West J Med 1989 Jun;150(6):718–22

UVULA

Uvulopalatopharyngoplasty: postoperative management and evaluation of results. Macaluso RA, et al. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):502–7

VACCINATION

Rubella immunisation for girls over 14 years [letter] Smithells RW. Arch Dis Child 1989 Apr;64(4):638–9
Post-exposure prophylaxis for hepatitis B: active or passive? Iwarson S. Lancet 1989 Jul 15;2(8655):146–8 (13 ref.)

VACCINES

Cell-mediated immune responses to vaccine peptides derived from the circumsporozoite protein of Plasmodium falciparum. Russo DM, et al. J Immunol 1989 Jul 15;

143(2):655–9
Immunologic control of a parasitic arthropod. Identification of a protective antigen from Boophilus microplus. Willadsen P, et al. **J Immunol** 1989 Aug 15;143(4):1346–51

VACCINES, ATTENUATED

Characteristics of protective immunity in mice induced by drug-attenuated larvae of Schistosoma mansoni. Antigen localization and antibody responses. Mountford AP, et al. **J Immunol** 1989 Aug 1;143(3):989–95
Expression of the major surface glycoprotein of Leishmania donovani chagasi in virulent and attenuated promastigotes. Wilson ME, et al. **J Immunol** 1989 Jul 15;143(2):678–84

VACCINIA VIRUS

Induction of cell surface expression of HLA antigens by human IFN-gamma encoded by recombinant vaccinia virus. Kohonen-Corish MR, et al. **J Immunol** 1989 Jul 15; 143(2):623–7

VACUOLES

Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. Kara U, et al. **J Immunol** 1989 Aug 15;143(4):1334–9

VAGINA

Ileocecal vaginal construction. Bürger RA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):162–7
Vaginal birth after cesarean delivery in the twin gestation. Strong TH Jr, et al. **Am J Obstet Gynecol** 1989 Jul; 161(1):29–32
A new 1-stage procedure for clitorovaginoplasty in severely masculinized female pseudohermaphrodites. Passerini-Glazel G. **J Urol** 1989 Aug;142(2 Pt 2):565–8; discussion 572
The morbidity and benefits of concurrent gracilis myocutaneous graft with pelvic exenteration. Cain JM, et al. **Obstet Gynecol** 1989 Aug;74(2):185–9

VAGINAL NEOPLASMS

Primary melanoma of the vagina: a clinicopathologic analysis. Reid GC, et al. **Obstet Gynecol** 1989 Aug;74(2):190–9

VAGINAL SMEARS

Accuracy of women's self-report of their last pap smear. Sawyer JA, et al. **Am J Public Health** 1989 Aug; 79(8):1036–7
Cervical smears: a questionable practice? McCormick JS. **Lancet** 1989 Jul 22;2(8656):207–9
Cervical cytology policy [letter] McPherson K. **Lancet** 1989 Jul 15;2(8655):162–3
Human papillomavirus subtype 16a [letter] Ward P, et al. **Lancet** 1989 Jul 15;2(8655):170
Indicators of effective cytological sampling of the uterine cervix. Woodman CB, et al. **Lancet** 1989 Jul 8; 2(8654):88–90

VAGINITIS

Clindamycin versus metronidazole in the treatment of bacterial vaginosis [letter] Bignardi GE. **Obstet Gynecol** 1989 Aug;74(2):281–2

VAGOTOMY, PROXIMAL GASTRIC

A prospective study of intraoperative histologic antrum-corpus boundary in patients undergoing highly selective vagotomy for duodenal ulcer [letter] Donahue PE, et al. **Am J Surg** 1989 Jul;158(1):79–80
Indications for parietal cell vagotomy without drainage in gastrointestinal surgery. Jordan PH Jr. **Ann Surg** 1989 Jul; 210(1):29–41

VAGUS NERVE

Neurogenic inflammation in the airways. I. Neurogenic stimulation induces plasma protein extravasation into the rat airway lumen. Kowalski ML, et al. **Am Rev Respir Dis** 1989 Jul;140(1):101–9
Laparoscopy and vagal arrest [letter] Doyle DJ, et al. **Anaesthesia** 1989 May;44(5):448
Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation. Billman GE, et al. **Circulation** 1989 Jul;80(1):146–57
Stimulation of duodenal mucosal bicarbonate secretion in the rat by brain peptides. Flemström G, et al. **Gastroenterology** 1989 Aug;97(2):412–20
Cerebral responses evoked by electrical stimulation of the esophagus in normal subjects. Frieling T, et al. **Gastroenterology** 1989 Aug;97(2):475–8
Central nervous system action of thyrotropin-releasing hormone to increase gastric mucosal blood flow in the rat. Thiefin G, et al. **Gastroenterology** 1989 Aug;97(2):405–11

VALPROATE

Late onset ornithine carbamoyl transferase deficiency in males [letter] Kennedy CR, et al. **Arch Dis Child** 1989 Apr; 64(4):638
Valproate and spina bifida. Oakeshott P, et al. **BMJ** 1989 May 13;298(6683):1300–1
Inhibition of human liver microsomal epoxide hydrolase by valproate and valpromide: in vitro/in vivo correlation. Kerr BM, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):82–93

VANCOMYCIN

Intravitreal antibiotic therapy with vancomycin and aminoglycoside. An experimental study of combination and repetitive injections. Oum BS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1055–60

VARIATION (GENETICS)

Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Hernandez ER, et al. **Endocrinology** 1989 Jul;125(1):572–4
Glycosylated human growth hormone variant. Ray J, et al. **Endocrinology** 1989 Jul;125(1):566–8

VARICOCELE

Testicular and vascular changes in children and adults with varicocele. Hadziselimovic F, et al. **J Urol** 1989 Aug;142(2 Pt 2):583–5; discussion 603–5
Adolescent varicocele: objective indications for treatment. Kass EJ, et al. **J Urol** 1989 Aug;142(2 Pt 2):579–82; discussion 603–5

VAS DEFERENS

Significance of epididymal and ductal anomalies associated with testicular maldescent. Gill B, et al. **J Urol** 1989 Aug; 142(2 Pt 2):556–8; discussion 572

VASCULAR DISEASES

Acute-phase reactants in sickle cell disease. Becton DL, et al. **J Pediatr** 1989 Jul;115(1):99–102

VASCULAR PATENCY

Reperfusion, patency and reocclusion with anistreplase (APSAC) in acute myocardial infarction. Anderson JL. **Am J Cardiol** 1989 Jul 5;64(2):12A–17A; discussion 24A–26A (31 ref.)
Comparison of thrombolytic agents: selected hematologic, vascular and clinical events. Marder VJ. **Am J Cardiol** 1989 Jul 5;64(2):2A–7A; discussion 24A–26A (35 ref.)

VASCULAR SURGERY

Intraoperative angioscopy: principles of irrigation and description of a new dedicated irrigation pump. Miller A, et al. **Am Heart J** 1989 Aug;118(2):391–9
In-situ saphenous vein bypass grafts [letter] LeMaitre GD. **Ann Surg** 1989 Jul;210(1):125–6
End-to-side and end-to-end vascular anastomoses with a carbon dioxide laser. Nakata S, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):57–62
Microvascular applications in limb sparing tumor surgery. Hausman M. **Orthop Clin North Am** 1989 Jul;20(3):427–37 (52 ref.)
Abdominal aortic reconstruction without renal bypass in renal transplant patients. Jivegård L, et al. **Surgery** 1989 Jul;106(1):110–3

VASCULITIS

Identification of an autoantibody to vascular endothelial cell-specific antigens in patients with systemic vasculitis. Brasile L, et al. **Am J Med** 1989 Jul;87(1):74–80
Acute febrile cerebrovasculitis. A non-spotted fever group rickettsial disease. Linnemann CC Jr, et al. **Arch Intern Med** 1989 Jul;149(7):1682–4

VASCULITIS, ALLERGIC CUTANEOUS

Cutaneous vasculitis associated with rifampin therapy. Iredale JP, et al. **Chest** 1989 Jul;96(1):215–6

VASOACTIVE INTESTINAL PEPTIDE

Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine. Korman LY, et al. **Dig Dis Sci** 1989 Jul;34(7):1100–8

VASOCONSTRICTION

Mechanisms of hypoxic pulmonary vasoconstriction. Voelkel NF. **Am Rev Respir Dis** 1986 Jun;133(6):1186–95
The contractile responses of isolated dog cerebral and extracerebral arteries to oxybarbiturates and thiobarbiturates. Hatano Y, et al. **Anesthesiology** 1989 Jul; 71(1):80–6
Endothelium-dependent effects of halothane, enflurane, and isoflurane on isolated rat aortic vascular rings. Stone DJ, et al. **Anesthesiology** 1989 Jul;71(1):126–32
Hypoxic pulmonary vasoconstrictor response with asymmetric oleic acid injury in the dog. Johnston WE, et al. **Crit Care Med** 1989 Jul;17(7):647–51

VASODILATION

Pulsed ultraviolet laser irradiation produces endothelium-independent relaxation of vascular smooth muscle. Steg PG, et al. **Circulation** 1989 Jul;80(1):189–97
Calcium blocker lacidipine and carotid arteriolar vasodilation in healthy volunteers. Safar M, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):94–8

VASODILATOR AGENTS

Influence of drug therapy on the ischemic response to acute coronary occlusion in man: supply-side economics. Kern MJ, et al. **Am Heart J** 1989 Aug;118(2):361–80 (109 ref.)

VASOMOTOR SYSTEM

Superior efficacy of propranolol versus nifedipine in double-component angina, as related to different influences on coronary vasomotility. DeCesare N, et al. **Am J Med** 1989 Jul;87(1):15–21

VASOPRESSINS

Stimulation of atrial natriuretic peptide and vasopressin during percutaneous transluminal aortic valvuloplasty. Lewin RF, et al. **Am Heart J** 1989 Aug;118(2):292–8
Hypoglycemia enhances turnover of corticotropin-releasing factor and of vasopressin in the zona externa of the rat median eminence. Berkenbosch F, et al. **Endocrinology** 1989 Jul;125(1):28–34

VATER'S AMPULLA

Villous tumors of the ampulla of Vater: local resection versus pancreatoduodenectomy. Gray G, et al. **South Med J** 1989 Jul;82(7):917–20 (12 ref.)

VECURONIUM

The effect of acutely administered phenytoin on vecuronium-induced neuromuscular blockade. Gray HS, et al. **Anaesthesia** 1989 May;44(5):379–81
Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Schmeling WT, et al. **Anesth Analg** 1989 Jul;69(1):870–80
Differing effect of agonist and antagonist muscle relaxants on cat jaw muscles. Van der Spek AF, et al. **Anesth Analg** 1989 Jul;69(1):942–6
Atracurium, vecuronium, and pancuronium do not alter the minimum alveolar concentration of halothane in humans. Fahey MR, et al. **Anesthesiology** 1989 Jul;71(1):53–6
Dose-response relationships for edrophonium and neostigmine as antagonists of atracurium and vecuronium neuromuscular blockade. Smith CE, et al. **Anesthesiology** 1989 Jul;71(1):37–43

VEINS

Venous rupture during transvenous approach to a carotid-cavernous fistula. Case report. King WA, et al. **J Neurosurg** 1989 Jul;71(1):133–7
Projection arteriography and venography: initial clinical results with MR. Edelman RR, et al. **Radiology** 1989 Aug; 172(2):351–7

VENA CAVA, INFERIOR

Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Dilawari JB, et al. **Gastroenterology** 1989 Aug;97(2):421–6
Pancreatic carcinoma. An unusual presentation—inferior vena cava thrombosis. Beyth RJ, et al. **Postgrad Med** 1989 Jul;86(1):229–32
Experience with the Amplatz retrievable vena cava filter. Epstein DH, et al. **Radiology** 1989 Jul;172(1):105–10
Simon nitinol inferior vena cava filter: initial clinical experience. Work in progress. Simon M, et al. **Radiology** 1989 Jul;172(1):99–103
Inferior vena cava filter: search for an ideal device [editorial] Yune HY. **Radiology** 1989 Jul;172(1):15–6

VENA CAVA, SUPERIOR

Extended operations for T3-T4 primary lung cancers. Indications and results. Dartevelle P, et al. **Chest** 1989 Jul; 96(1 Suppl):51S–53S
Echocardiographic detection of an infected superior vena caval thrombus presenting as a right atrial mass. Dick AE, et al. **Chest** 1989 Jul;96(1):212–4
The modified Fontan operation [letter] Puga FJ. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):150–1
Atresia of the coronary sinus orifice. Fatal outcome after intraoperative division of the drainage left superior vena cava. Yokota M, et al. **J Thorac Cardiovasc Surg** 1989 Jul; 98(1):30–2

VENOUS PRESSURE

Systolic venous waves cause spurious signs of arterial hemoglobin desaturation. Mark JB. **Anesthesiology** 1989 Jul;71(1):158–60
The effect of cerebrospinal fluid pressure on dural venous pressure in young rats. Jones HC, et al. **J Neurosurg** 1989 Jul;71(1):119–23

VENTILATION-PERFUSION RATIO

Spontaneous abrupt changes in the distribution of ventilation: a cause for apparent mismatching on ventilation/perfusion scintigraphy. Peters AM, et al. **Br J Radiol** 1989 Jun; 62(738):536–43

VENTILATORS, MECHANICAL

The pneuPAC ventilator with new patient valve and air compressors. Park GR, et al. **Anaesthesia** 1989 May; 44(5):419–24
A modified expiratory valve for teaching. Sansome AJ, et al. **Anaesthesia** 1989 May;44(5):425–7
Accuracy of delivered versus preset minute ventilation of portable emergency ventilators. Heinrichs W, et al. **Crit Care Med** 1989 Jul;17(7):682–5

VENTRICULAR FIBRILLATION

Nonventricular arrhythmias as precursors of ventricular fibrillation in patients with out-of-hospital cardiac arrest. Hays LJ, et al. **Am Heart J** 1989 Jul;118(1):53–7
The effect of beta-adrenergic blockade on vulnerability to ventricular fibrillation and inducibility of ventricular arrhythmia in short- and long-term feline infarction models. Luketich J, et al. **Am Heart J** 1989 Aug; 118(2):265–71
Usefulness of sotalol in suppressing ventricular tachycardia or ventricular fibrillation in patients with healed myocardial infarcts. Kuchar DL, et al. **Am J Cardiol** 1989 Jul 1; 64(1):33–6
Flecainide-induced ventricular tachycardia and fibrillation in patients treated for atrial fibrillation. Falk RH. **Ann Intern Med** 1989 Jul 15;111(2):107–11
Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation. Billman GE, et al. **Circulation** 1989 Jul;80(1):146–57
Electropharmacology of amiodarone therapy initiation. Time courses of onset of electrophysiologic and antiarrhythmic effects. Mitchell LB, et al. **Circulation** 1989 Jul;80(1):34–42
Exercise training after experimental myocardial infarction increases the ventricular fibrillation threshold before and after the onset of reinfarction in the isolated rat heart. Posel D, et al. **Circulation** 1989 Jul;80(1):138–45
The coherence spectrum. A quantitative discriminator of fibrillatory and nonfibrillatory cardiac rhythms. Ropella KM, et al. **Circulation** 1989 Jul;80(1):112–9
Prospective comparison of sequential pulse and single pulse defibrillation with use of two different clinically available systems. Bardy GH, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):165–71
Arrhythmogenic effects of antiarrhythmic drugs: a study of 506 patients treated for ventricular tachycardia or fibrillation. Stanton MS, et al. **J Am Coll Cardiol** 1989 Jul; 14(1):209–15, discussion 216–7

VERAPAMIL

The pharmacodynamic and pharmacokinetic interaction between single doses of flecainide acetate and verapamil: effects on cardiac function and drug clearance. Holtzman JL, et al. **Clin Pharmacol Ther** 1989 Jul;46(1):26–32
Degeneration of junctional tachycardia to pre-excited atrial fibrillation after intravenous verapamil [letter] Garratt C, et al. **Lancet** 1989 Jul 22;2(8656):219
Treatment of focal ischemia [letter] Weintraub MI. **Neurology** 1989 Jul;39(7):1000

VERTEBRATE VIRUSES

Molecular targets of antiviral therapy. Crumpacker CS 2d. **N Engl J Med** 1989 Jul 20;321(3):163–72 (101 ref.)

VESICO-URETERAL REFLUX

Follow-up evaluation of prenatally recognized vesicoureteric reflux. Steele BT, et al. **J Pediatr** 1989 Jul;115(1):95–6
Open versus endoscopic surgery in the treatment of vesicoureteral reflux. Brown S. **J Urol** 1989 Aug;142(2 Pt 2):499–500; discussion 501
The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. Dejter SW Jr, et al. **J Urol** 1989 Aug;142(2 Pt 2):661–2; discussion 667–8
Coexisting ureteropelvic junction obstruction and vesicoureteral reflux: diagnostic and therapeutic implications. Hollowell JG, et al. **J Urol** 1989 Aug;142(2 Pt 2):490–3; discussion 501
Vesicoureteral reflux and voiding dysfunction: a prospective study. Seruca H. **J Urol** 1989 Aug;142(2 Pt 2):494–8; discussion 501

VESICOVAGINAL FISTULA

Vesicovaginal fistula [letter] Kelly J. **Lancet** 1989 Jul 8; 2(8654):109

VESTIBULAR APPARATUS

Earth horizontal axis rotational responses in patients with unilateral peripheral vestibular deficits. Furman JM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):551–5
Visual, vestibular and somatosensory contributions to balance control in the older adult. Manchester D, et al. **J Gerontol** 1989 Jul;44(4):M118–27

VETERANS

Alcohol consumption and problem drinking in white male veterans and nonveterans. Richards MS, et al. **Am J Public Health** 1989 Aug;79(8):1011–5

VIDEO RECORDING

Interactive computer program for biomechanical analysis of videoradiographic studies of swallowing. Logemann JA, et al. **AJR Am J Roentgenol** 1989 Aug;153(2):277–80

VIDEOTAPE RECORDING

Comparison between videotape and personalized patient education for anticoagulant therapy. Stone S, et al. **J Fam Pract** 1989 Jul;29(1):55–7

VINBLASTINE

Phase II study of recombinant interferon alpha-2a and vinblastine in advanced renal cell carcinoma. Schornagel JH, et al. **J Urol** 1989 Aug;142(2):253–6

VINCRISTINE

Vincristine treatment of acute lymphoblastic leukemia induces transient autonomic cardioneuropathy. Hirvonen HE, et al. **Cancer** 1989 Aug 15;64(4):801–5

VIOLENCE

Statutory approaches to limiting psychiatrists' liability for their patients' violent acts. Appelbaum PS, et al. **Am J Psychiatry** 1989 Jul;146(7):821–8
Defense mechanisms in risk of suicide and risk of violence. Apter A, et al. **Am J Psychiatry** 1989 Aug;146(8):1027–31
Midazolam for aggressivity and violence in three mentally retarded patients. Bond WS, et al. **Am J Psychiatry** 1989 Jul;146(7):925–6
Neurological impairment in violent schizophrenic inpatients. Krakowski MI, et al. **Am J Psychiatry** 1989 Jul; 146(7):849–53
Serum cholesterol and risk of accidental or violent death in a 25-year follow-up. The Finnish cohorts of the Seven Countries Study. Pekkanen J, et al. **Arch Intern Med** 1989 Jul;149(7):1589–91
The dangerous patient. Lande RG. **J Fam Pract** 1989 Jul; 29(1):74–8
Alcohol and family violence [letter] Schwartz I. **JAMA** 1989 Jul 21;262(3):351–2

VIRAL HEPATITIS VACCINES

Intradermal hepatitis B vaccine in thalassaemia and sickle cell disease. Mok Q, et al. **Arch Dis Child** 1989 Apr; 64(4):535–40
HLA and immune response [letter] McCombs CC, et al. **JAMA** 1989 Aug 11;262(6):774
Hepatitis A vaccine [letter] Misra SP, et al. **Lancet** 1989 Jul 8;2(8654):114

VIRAL MATRIX PROTEINS

Differential effects of amino acid substitutions in the beta-sheet floor and alpha-2 helix of HLA-A2 on recognition by alloreactive viral peptide-specific cytotoxic T lymphocytes. Mattson DH, et al. **J Immunol** 1989 Aug 15;143(4):1101–7
A single amino acid substitution in HLA-A2 can alter the selection of the cytotoxic T lymphocyte repertoire that responds to influenza virus matrix peptide 55–73. Shimojo N, et al. **J Immunol** 1989 Jul 15;143(2):558–64

VIRILISM

Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. Shapiro E, et al. **J Urol** 1989 Aug;142(2 Pt 2):663–6; discussion 667–8

VIRUS ACTIVATION

Viral antigen stimulation of the production of human monokines capable of regulating HIV1 expression. Clouse KA, et al. **J Immunol** 1989 Jul 15;143(2):470–5

VIRUS DISEASES

Bulging fontanelles in infants without meningitis [letter] Barry W, et al. **Arch Dis Child** 1989 Apr;64(4):635–6
Current issues in food safety—especially seafoods. Liston J. **J Am Diet Assoc** 1989 Jul;89(7):911–3

VIRUS INHIBITORS

MX homologous protein in mononuclear cells from patients with systemic lupus erythematosus. von Wussow P, et al. **Arthritis Rheum** 1989 Jul;32(7):914–8

VISION DISORDERS

Treatment of Graves' disease and the course of ophthalmopathy. Sridama V, et al. **Am J Med** 1989 Jul; 87(1):70–3
Neurologic eye signs following motorcycle accidents. Keane JR. **Arch Neurol** 1989 Jul;46(7):761–2
Visual disability and the elderly [editorial] Hitchings RA. **BMJ** 1989 Apr 29;298(6681):1126–7
Physician checklist for visually impaired elderly in nursing homes. Stoehr AJ, et al. **Geriatrics** 1989 Jul;44(7):87–91

VISION SCREENING

Visual disability and the elderly [editorial] Hitchings RA. **BMJ** 1989 Apr 29;298(6681):1126–7

VISION TESTS

Snellen equivalent for the Bailey-Lovie acuity chart [letter] Holladay JT, et al. **Arch Ophthalmol** 1989 Jul;107(7):955

VISITORS TO PATIENTS

Very low birth-weight infants: parental visiting and telephoning during initial infant hospitalization. Brown LP, et al. **Nurs Res** 1989 Jul-Aug;38(4):233–6

VISUAL ACUITY

Snellen equivalent for the Bailey-Lovie acuity chart [letter] Holladay JT, et al. **Arch Ophthalmol** 1989 Jul;107(7):955

VISUAL PERCEPTION

Visual, vestibular and somatosensory contributions to balance control in the older adult. Manchester D, et al. **J Gerontol** 1989 Jul;44(4):M118–27

VITAMIN B 12

Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509–11; discussion 520–1

VITAMIN B 12 DEFICIENCY

Biochemical evidence of asymptomatic vitamin B12 deficiency in children after ileal resection for necrotizing enterocolitis. Skidmore MD, et al. **J Pediatr** 1989 Jul; 115(1):102–5
Nutritional consequences of bowel segments in the lower urinary tract. Canning DA, et al. **J Urol** 1989 Aug;142(2 Pt 2):509–11; discussion 520–1

VITAMIN D DEFICIENCY

Bone disease in vitamin D-deficient patients with Crohn's disease. Vogelsang H, et al. **Dig Dis Sci** 1989 Jul; 34(7):1094–9

VITAMIN K

Relationship of milk intake and vitamin K supplementation to vitamin K status in newborns. Motohara K, et al. **Pediatrics** 1989 Jul;84(1):90–3

VITAMINS

Chemoprevention of lung cancer. Problems and progress. Greenwald P, et al. **Chest** 1989 Jul;96(1 Suppl):14S–17S (11 ref.)

VITRECTOMY

Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Blankenship GW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):1–5
Vitrectomy for complicated retinal detachments secondary to branch retinal vein occlusions. Russell SR, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):6–9
Illuminated retinal picks for vitreous surgery. Williams GA, et al. **Arch Ophthalmol** 1989 Jul;107(7):1086

VITREOUS BODY

Results of silicone oil removal in advanced proliferative vitreoretinopathy. Zilis JD, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):15–21
Intravitreal antibiotic therapy with vancomycin and aminoglycoside. An experimental study of combination and repetitive injections. Oum BS, et al. **Arch Ophthalmol** 1989 Jul;107(7):1055–60

VITREOUS HEMORRHAGE

Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Blankenship GW, et al. **Am J Ophthalmol** 1989 Jul 15;108(1):1–5

VOCAL CORD PARALYSIS

Selective reinnervation of the abductor and adductor muscles of the canine larynx after recurrent nerve paralysis. Marie JP, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):530–6

VOICE

Effect of eyelid closure and vocalization upon the vestibulo-ocular reflex during rotational testing. Weissman BM, et al. **Ann Otol Rhinol Laryngol** 1989 Jul;98(7 Pt 1):548–50

VOMITING

Haloperidol and lorazepam for the treatment of nausea and vomiting associated with the treatment of intractable migraine headaches [letter] Backonja M, et al. **Arch Neurol** 1989 Jul;46(7):724

Duodenal diverticulum as cause of cyclic vomiting [letter] Meyers FA, et al. **Dig Dis Sci** 1989 Jul;34(7):1148–9

Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. Marshall G, et al. **J Pediatr** 1989 Jul;115(1):156–60

VON WILLEBRAND FACTOR

A monoclonal antibody to von Willebrand factor (vWF) inhibits factor VIII binding. Localization of its antigenic determinant to a nonadecapeptide at the amino terminus of the mature vWF polypeptide. Bahou WF, et al. **J Clin Invest** 1989 Jul;84(1):56–61

Insolubilized von Willebrand factor and the initial events in hemostasis [editorial] Moake JL. **J Lab Clin Med** 1989 Jul; 114(1):1–3

Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. Olson JD, et al. **J Lab Clin Med** 1989 Jul; 114(1):6–18

VULVAR DISEASES

Risk factors for vulvar lichen sclerosus. Sideri M, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):38–42

VULVAR NEOPLASMS

Quantitative evaluation of the skin and accessory appendages in vulvar carcinoma in situ. Baggish MS, et al. **Obstet Gynecol** 1989 Aug;74(2):169–74

WAKEFULNESS

Breathing during wakefulness and sleep after human heart-lung transplantation. Sanders MH, et al. **Am Rev Respir Dis** 1989 Jul;140(1):45–51

WARFARIN

Successful percutaneous transvenous catheter balloon mitral commissurotomy after warfarin therapy and resolution of left atrial thrombus. Hung JS, et al. **Am J Cardiol** 1989 Jul 1;64(1):126–8

Antithrombotic therapy in the primary prevention of acute myocardial infarction. Miller GJ. **Am J Cardiol** 1989 Jul 18;64(4):29B–32B

WASTE PRODUCTS

New medical waste law may wrongfully target hospitals. Holthaus D. **Hospitals** 1989 Jul 5;63(13):52

WATER

The cough response to ultrasonically nebulized distilled water in heart-lung transplantation patients. Higenbottam T, et al. **Am Rev Respir Dis** 1989 Jul;140(1):58–61

WATER MICROBIOLOGY

"Boil the water" [letter] Mayon-White RT, et al. **Lancet** 1989 Jul 22;2(8656):216

WATER POLLUTANTS

Possible health effects of high manganese concentration in drinking water. Kondakis XG, et al. **Arch Environ Health** 1989 May-Jun;44(3):175–8

WATER SUPPLY

Possible health effects of high manganese concentration in drinking water. Kondakis XG, et al. **Arch Environ Health** 1989 May-Jun;44(3):175–8

"Boil the water" [letter] Mayon-White RT, et al. **Lancet** 1989 Jul 22;2(8656):216

WEGENER'S GRANULOMATOSIS

Wegener's granulomatosis [letter] King JW, et al. **Arch Intern Med** 1989 Jul;149(7):1695, 1698

Acquired chronic granulomatous disease and Wegener's granulomatosis [letter] Boudes P. **Br J Rheumatol** 1989 Aug;28(4):361–2

Pleural fluid in Wegener's granulomatosis [letter] Gris P, et al. **Chest** 1989 Jul;96(1):224

WEIGHT GAIN

The relationship between weight gain and nutrition in pregnancy. Aaronson LS, et al. **Nurs Res** 1989 Jul-Aug; 38(4):223–7

The effect of maternal weight gain in pregnancy on birth weight. Seidman DS, et al. **Obstet Gynecol** 1989 Aug; 74(2):240–6

WEIGHT LOSS

Adipogenic activity in sera from obese children before and after weight reduction. Hauner H, et al. **Am J Clin Nutr** 1989 Jul;50(1):63–7

Weight loss in 108 obese women on a diet supplying 800 kcal/d for 21 d. Webster JD, et al. **Am J Clin Nutr** 1989 Jul;50(1):41–5

Timely statement of the American Dietetic Association: very low calorie weight loss diets. **J Am Diet Assoc** 1989 Jul; 89(7):975–6

WEIGHTS AND MEASURES

SI and presently conventional units [letter] Giacoppe GN Jr. **Ann Intern Med** 1989 Aug 1;111(3):259

WELDING

Pulmonary functional impairment from years of arc welding. Kilburn KH, et al. **Am J Med** 1989 Jul;87(1):62–9

WHEAT

Use of an expanded-whole-wheat product in the reduction of body weight and serum lipids in obese females. Fordyce-Baum MK, et al. **Am J Clin Nutr** 1989 Jul; 50(1):30–6

WHEAT GERM AGGLUTININS

Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Langkilde NC, et al. **Cancer** 1989 Aug 15;64(4):849–53

WHITES

Alcohol consumption and problem drinking in white male veterans and nonveterans. Richards MS, et al. **Am J Public Health** 1989 Aug;79(8):1011–5

WHOLE BODY IRRADIATION

Long-term endocrine toxicity of myeloablative treatment followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Keilholz U, et al. **Cancer** 1989 Aug 1;64(3):641–5

WIT AND HUMOR

To best was always to worst, but worse is better, if good and bad are relevant [letter] Banzhaf D. **JAMA** 1989 Jul 14;262(2):210

Formphobia [letter] Dauber LG, et al. **JAMA** 1989 Jul 28; 262(4):500

More cardiac dressage: galop, gallop, gal(l)opitty glop [letter] Herder SL. **JAMA** 1989 Jul 21;262(3):352

Dizzy medical writing: report on recent relapses. Fred HL, et al. **South Med J** 1989 Jul;82(7):897–9

WOLFF-PARKINSON-WHITE SYNDROME

Reversal of electrophysiologic effects of flecainide on the accessory pathway by isoproterenol in the Wolff-Parkinson-White syndrome. Manolis AS, et al. **Am J Cardiol** 1989 Jul 15;64(3):194–8

WOMEN

AIDS and traditional health beliefs and practices of black women. Flaskerud JH, et al. **Nurs Res** 1989 Jul-Aug; 38(4):210–5

WOMEN'S HEALTH SERVICES

Hospitals play key role in women's health. Harness BZ, et al. **Hospitals** 1989 Jul 5;63(13):FB52, FB54

WOMEN'S RIGHTS

Feminism in publishing [letter] **Lancet** 1989 Jul 15;2(8655):162

WORK

Age differences in productive activities. Herzog AR, et al. **J Gerontol** 1989 Jul;44(4):S129–38

The moonlighting dilemma. Balancing education, service, and quality care while limiting risk exposure. Cohen SN, et al. **JAMA** 1989 Jul 28;262(4):529–31

WORK CAPACITY EVALUATION

Reemployment following implantation of the automatic cardioverter defibrillator. Kalbfleisch KR, et al. **Am J Cardiol** 1989 Jul 15;64(3):199–202

WORK OF BREATHING

The effects of acute hypoxia and hypercapnia on pulmonary mechanics in normal subjects and patients with chronic pulmonary disease. Parsons PE, et al. **Chest** 1989 Jul; 96(1):96–101

Additional work of breathing imposed by endotracheal tubes, breathing circuits, and intensive care ventilators. Bersten AD, et al. **Crit Care Med** 1989 Jul;17(7):671–7

WORLD HEALTH

Trends in lung cancer incidence worldwide. Parkin DM. **Chest** 1989 Jul;96(1 Suppl):5S–8S

Lung cancer—a worldwide health problem. Stanley K, et al. **Chest** 1989 Jul;96(1 Suppl):1S–5S (11 ref.)

International versus domestic health: an antiquated distinction [letter] Gellert GA, et al. **Lancet** 1989 Jul 1; 2(8653):51

WORLD HEALTH ORGANIZATION

WHO and PLO [letter] Yoshida T. **Lancet** 1989 Jul 22; 2(8656):222

WOUND HEALING

Prediction of below-knee amputation wound healing using noninvasive laser Doppler velocimetry. Kram HB, et al. **Am J Surg** 1989 Jul;158(1):29–31

Wound complications of adjuvant radiation therapy in patients with soft-tissue sarcomas. Ormsby MV, et al. **Ann Surg** 1989 Jul;210(1):93–9

Preoperative correlates of impaired wound healing after saphenous vein excision. Utley JR, et al. **J Thorac Cardiovasc Surg** 1989 Jul;98(1):147–9

Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. Madden MR, et al. **J Trauma** 1989 Jul; 29(7):924–30; discussion 930–1

WOUNDS AND INJURIES

Ileocecal vaginal construction. Bürger RA, et al. **Am J Obstet Gynecol** 1989 Jul;161(1):162–7

Blood-injury phobia [letter] Fava GA, et al. **Am J Psychiatry** 1989 Jul;146(7):948–9

Deaths, injuries, and evacuations from acute hazardous materials releases. Binder S. **Am J Public Health** 1989 Aug; 79(8):1042–4

Left-handedness and accident-related injury risk. Coren S. **Am J Public Health** 1989 Aug;79(8):1040–1

Population-based study of unintentional injury incidence and impact during childhood. Rivara FP, et al. **Am J Public Health** 1989 Aug;79(8):990–4

Measurement of nocturnal sleep patterns in trauma patients. Fontaine DK. **Heart Lung** 1989 Jul;18(4):402–10

Traumatic asphyxia: report of a case. Ghali GE, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):867–70 (17 ref.)

Abstracts, 49th annual session. American Association for the Surgery of Trauma. Chicago, Illinois, October 5–7, 1989. **J Trauma** 1989 Jul;29(7):1024–40

Report from the 1988 Trauma Registry Workshop, including recommendations for hospital-based trauma registries. **J Trauma** 1989 Jun;29(6):827–34

Different effects of bleeding and soft-tissue trauma on pulmonary platelet trapping in pigs. Blomquist S, et al. **J Trauma** 1989 Jun;29(6):866–72

Emergency interhospital transport of the major trauma patient: air versus ground. Boyd CR, et al. **J Trauma** 1989 Jun;29(6):789–93; discussion 793–4

Hyperglycemia after trauma increases with age. Desai D, et al. **J Trauma** 1989 Jun;29(6):719–23

Evaluation of pediatric trauma care in Ontario. Dykes EH, et al. **J Trauma** 1989 Jun;29(6):724–9

The effect of autopsy on injury severity and survival probability calculations. Harviel JD, et al. **J Trauma** 1989 Jun;29(6):766–72; discussion 772–3

1988 Fitts lecture: heart rate changes after haemorrhage and injury—a reappraisal. Little RA. **J Trauma** 1989 Jul; 29(7):903–6 (30 ref.)

Effect of pre-existing disease on length of hospital stay in trauma patients. MacKenzie EJ, et al. **J Trauma** 1989 Jun; 29(6):757–64; discussion 764–5

Dispelling fatalism in a cause-and-effect world: 1989 Eastern

Association for the Surgery of Trauma presidential address. Maull KI. **J Trauma** 1989 Jun;29(6):752–6
The role of orthopedic surgery in modern Canadian trauma: 1988 Fraser B. Gurd lecture. Meek RN. **J Trauma** 1989 Jun;29(6):716–8
Vascular organ procurement in the trauma population. Morris JA Jr, et al. **J Trauma** 1989 Jun;29(6):782–7; discussion 787–8
Acute lymphocytosis after trauma—early recognition of the high-risk patient? Pinkerton PH, et al. **J Trauma** 1989 Jun; 29(6):749–51
Direct transport to the operating room for resuscitation of trauma patients. Rhodes M, et al. **J Trauma** 1989 Jul; 29(7):907–13; discussion 913–5
Federal influences on the development of trauma registers. Scheib BT, et al. **J Trauma** 1989 Jun;29(6):835–41
Urban trauma: a chronic recurrent disease. Sims DW, et al. **J Trauma** 1989 Jul;29(7):940–6; discussion 946–7
A profile of urban adult pedestrian trauma. Vestrup JA, et al. **J Trauma** 1989 Jun;29(6):741–5
Injuries to children in a Native American community. Berger LR, et al. **Pediatrics** 1989 Jul;84(1):152–6
Injury research: where should we go from here? Rivara FP, et al. **Pediatrics** 1989 Jul;84(1):180–1
High cost of trauma care in the elderly. Ross N, et al. **South Med J** 1989 Jul;82(7):857–9
Temporal analysis of murine lymphocyte subpopulations by monoclonal antibodies and dual-color flow cytometry after burn and nonburn injury. Hansbrough JF, et al. **Surgery** 1989 Jul;106(1):69–80
Injury mortality in New Mexico's American Indians, Hispanics, and non-Hispanic whites, 1958 to 1982. Sewell CM, et al. **West J Med** 1989 Jun;150(6):708–13

WOUNDS, GUNSHOT

Exploding ammunition [letter] Abidin MR. **J Trauma** 1989 Jun;29(6):895
The role of intra-aortic balloon occlusion in penetrating abdominal trauma. Gupta BK, et al. **J Trauma** 1989 Jun; 29(6):861–5
CDC's approach to firearm injuries [letter] O'Carroll P. **JAMA** 1989 Jul 21;262(3):348–9

WOUNDS, NONPENETRATING

Radiological case of the month. Traumatic pulmonary pseudocyst. Co MA, et al. **Am J Dis Child** 1989 Jul; 143(7):841–2
Intra-abdominal injury following blunt trauma. Identifying the high-risk patient using objective risk factors. Mackersie RC, et al. **Arch Surg** 1989 Jul;124(7):809–13
Myocardial contusion. When can the diagnosis be eliminated? Miller FB, et al. **Arch Surg** 1989 Jul;124(7):805–7; discussion 807–8
Posttraumatic autotransplantation of spleen tissue. Mizrahi S, et al. **Arch Surg** 1989 Jul;124(7):863–5
Non-operative treatment of meniscal tears. Weiss CB, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):811–22
A prospective evaluation of 68 patients suffering blunt chest trauma for evidence of cardiac injury. Helling TS, et al. **J Trauma** 1989 Jul;29(7):961–5; discussion 965–6
Percutaneous peritoneal lavage in blunt trauma patients: a safe and accurate diagnostic method. Sherman JC, et al. **J Trauma** 1989 Jun;29(6):801–4; discussion 804–5
Surgical management of traumatic disruption of the descending aorta. Young JN, et al. **West J Med** 1989 Jun; 150(6):662–4

WOUNDS, PENETRATING

Needle injuries among pediatric housestaff physicians in New York City. Melzer SM, et al. **Pediatrics** 1989 Aug; 84(2):211–4
Wound site as a predictor of complications following deep nail punctures to the foot. Patzakis MJ, et al. **West J Med** 1989 May;150(5):545–7

WOUNDS, STAB

Stab wounds to the neck: role of angiography. Hartling RP, et al. **Radiology** 1989 Jul;172(1):79–82

WRIST

Frame size estimation: a comparative analysis of methods based on height, wrist circumference, and elbow breadth. Novascone MA, et al. **J Am Diet Assoc** 1989 Jul;89(7):964–6

WRIST INJURIES

Open reduction and internal fixation of displaced, comminuted intra-articular fractures of the distal end of the radius. Bradway JK, et al. **J Bone Joint Surg [Am]** 1989 Jul;71(6):839–47

WRITING

Praise for useful words [editorial] Brown GW. **Am J Dis Child** 1989 Jul;143(7):770
Instrument reliability and validity: how much needs to be published? Lynn MR. **Heart Lung** 1989 Jul;18(4):421–3
Future of French-language journals [letter] Olivier C, et al. **Lancet** 1989 Jul 22;2(8656):222
Dizzy medical writing: report on recent relapses. Fred HL, et al. **South Med J** 1989 Jul;82(7):897–9

X-RAY FILM

Films, screens and cassettes for mammography [letter] Law J, et al. **Br J Radiol** 1989 Jun;62(738):565

X-RAY INTENSIFYING SCREENS

Comparison of soft-tissue enhanced and conventional cephalometric radiographs. Bunel K, et al. **J Oral Maxillofac Surg** 1989 Aug;47(8):804–7

XENOPUS LAEVIS

Isolation and characterization of two different insulins from an amphibian, Xenopus laevis. Shuldiner AR, et al. **Endocrinology** 1989 Jul;125(1):469–77

YELLOW FEVER VIRUS

Detection of yellow fever viral RNA by nucleic acid hybridization and viral antigen by immunocytochemistry in fixed human liver. Monath TP, et al. **Am J Trop Med Hyg** 1989 Jun;40(6):663–8

YERSINIA

Yersinia antigens in reactive arthritis [letter] **N Engl J Med** 1989 Jul 20;321(3):189–90

YERSINIA INFECTIONS

Yersinia infections in surgical practice. Attwood SE, et al. **Br J Surg** 1989 May;76(5):499–504 (138 ref.)

ZIDOVUDINE

Zidovudine resistant HIV [news] Jeffries DJ. **BMJ** 1989 Apr 29;298(6681):1132–3
Lithium for zidovudine-induced neutropenia in AIDS [letter] Nathwani D, et al. **JAMA** 1989 Aug 11;262(6):775–6
Zidovudine-induced neutropenia: are we too cautious? Shaunak S, et al. **Lancet** 1989 Jul 8;2(8654):91–2
Zidovudine for treating AIDS. What physicians need to know. Amin NM. **Postgrad Med** 1989 Jul;86(1):195–6, 201–8 (7 ref.)

ZINC

Inorganic zinc and the intestinal absorption of ferrous iron. Crofton RW, et al. **Am J Clin Nutr** 1989 Jul;50(1):141–4
Cholesterol and apolipoprotein distribution in plasma high-density-lipoprotein subclasses from zinc-deficient rats. Koo SI, et al. **Am J Clin Nutr** 1989 Jul;50(1):73–9
Zinc-dependent low thymic hormone level in type I diabetes. Mocchegiani E, et al. **Diabetes** 1989 Jul;38(7):932–7

ZOLLINGER-ELLISON SYNDROME

Ovarian carcinoma as a cause of Zollinger-Ellison syndrome. Natural history, secretory products, and response to provocative tests. Maton PN, et al. **Gastroenterology** 1989 Aug;97(2):468–71
Multiple endocrine neoplasia type II with Zollinger-Ellison syndrome caused by a solitary pancreatic gastrinoma. Maton PN, et al. **JAMA** 1989 Jul 28;262(4):535–7

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Abdelmoula M, Spertini F, Shibata T, Gyotoku Y, Luzuy S, Lambert PH, Izui S. IgG3 is the major source of cryoglobulins in mice. J Immunol 1989 Jul 15;143(2):526-32
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Abeyawardene SA, Plant TM. Bilateral orchidectomy and concomitant testosterone replacement in the juvenile male rhesus monkey (Macaca mulatta) receiving an invariant intravenous gonadotropin-releasing hormone (GnRH) infusion results, as in the hypothalamus lesioned GnRH-driven adult male, in a selective hypersecretion of follicle-stimulating hormone. Endocrinology 1989 Jul; 125(1):257-9
Abeyawardene SA, Vale WW, Marshall GR, Plant TM. Circulating inhibin alpha concentrations in infant, prepubertal, and adult male rhesus monkeys (Macaca mulatta) and in juvenile males during premature initiation of puberty with pulsatile gonadotropin-releasing hormone treatment. Endocrinology 1989 Jul;125(1):250-6
Abeysinghe R see **Porter JB**
Abidin MR. Exploding ammunition [letter] J Trauma 1989 Jun;29(6):895
Abinader EG, Sharif DS. Influence of age on Doppler echocardiographic indices of left ventricular diastolic function [letter] Br Heart J 1989 May;61(5):483
Abiri MM, Kirpekar M, Ablow RC. Osteomyelitis: detection with US. Radiology 1989 Aug;172(2):509-11
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Abman SH, Burchell MF, Schaffer MS, Rosenberg AA. Late sudden unexpected deaths in hospitalized infants with bronchopulmonary dysplasia. Am J Dis Child 1989 Jul; 143(7):815-9
Aboseif SR, Breza J, Bosch RJ, Benard F, Stief CG, Stackl W, Lue TF, Tanagho EA. Local and systemic effects of chronic intracavernous injection of papaverine, prostaglandin E1, and saline in primates. J Urol 1989 Aug; 142(2):403-8
Abraham D, Grieve RB, Holy JM, Christensen BM. Immunity to larval Brugia malayi in BALB/c mice: protective immunity and inhibition of larval development. Am J Trop Med Hyg 1989 Jun;40(6):598-604
Abraham HD. Stimulants, panic, and BEAM EEG abnormalities [letter] Am J Psychiatry 1989 Jul; 146(7):947-8
Abraham ZA, Lees DE. Two cardiac arrests after needle punctures in a patient with mitral valve prolapse: psychogenic? Anesth Analg 1989 Jul;69(1):992-4
Abram SE. Perceived dangers from intraspinal steroid injections [letter] Arch Neurol 1989 Jul;46(7):719-21
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Abrams JH, Weber RE, Holmen KD. Continuous cardiac output determination using transtracheal Doppler: initial results in humans. Anesthesiology 1989 Jul;71(1):11-5
Abrams R see **Lane RD**
Abramson DL, Kral JG, Gertler JP, Lewis T. Gastropyloric ulcers related to 'crack' [letter] JAMA 1989 Aug 4; 262(5):617-8
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Acedo A, Campos A, Bauzá J, Ayala C, Jover M, Herrero L, Cañigral G, Tascón A. HIV infection, hepatitis, and syphilis in Spanish prisons [letter] Lancet 1989 Jul 22; 2(8656):226
Ackaert K see **Nijman RJ**
Ackerman WE, Phero JC, Juneja MM. Panic disorder following 2-chloroprocaine [letter] Am J Psychiatry 1989 Jul;146(7):940-1
Ackroyd RK see **di Sant'Agnese PA**
Acland RD, Anderson G, Siemionow M, McCabe S. Direct in vivo observations of embolic events in the microcirculation distal to a small-vessel anastomosis. Plast Reconstr Surg 1989 Aug;84(2):280-8; discussion 289
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Adams CJ. Nurse-midwifery practice in the United States, 1982 and 1987. Am J Public Health 1989 Aug;79(8):1038-9
Adams DH, Burnett D, Stockley RA, Elias E. Patterns of leukocyte chemotaxis to bile after liver transplantation. Gastroenterology 1989 Aug;97(2):433-8
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Adamson TE, Rodnick JE, Guillion DS. Family physicians and general internists: do they treat hypertensive patients differently? J Fam Pract 1989 Jul;29(1):93-9
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Ahearn JM Jr, Calomiris JJ, Wigley FM, Jabs DA, Bias WB, Hochberg MC. Characterization of the class I HLA 9.2-kb PVU II restriction fragment length polymorphism. Linkage to HLA-A and lack of disease association. Arthritis Rheum 1989 Jul;32(7):870-6
Ahern DA, Kaley LA. Electrolyte content of salt-replacement seasonings. J Am Diet Assoc 1989 Jul;89(7):935-8
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Ahlgren JD see **Holt RW**
Ahmann AJ see **Tseng YC**
Ahmed A, Hamza HM. Barium sulfate absorption and sensitivity. Radiology 1989 Jul;172(1):213-4
Ahmed K see **de Braud F**
Ahn MO see **Strong TH Jr**
Ahrens J, Graybill JR, Abishawl A, Tio FO, Rinaldi MG. Experimental murine chromomycosis mimicking chronic progressive human disease. Am J Trop Med Hyg 1989 Jun; 40(6):651-8
Aihara N see **Ohe T**
Aikawa H see **Mori H**
Aikawa M see **Wanidworanun C**
Ainatzoglou MD see **Karakasis DT**
Ainsworth B see **Depue RA**
Ainsworth SK see **Mundie TG**
Aisen AM see **Ikeda DM**
Aisner J. Should we intensify the treatment of small cell lung cancer? Chest 1989 Jul;96(1 Suppl):64S-66S (27 ref.)
Aisner J. Therapeutic approach to malignant mesothelioma. Chest 1989 Jul;96(1 Suppl):95S-97S (12 ref.)
Aitken M see **Sherman CB**
Ajisaka R see **Miyauchi T**
Akatsu T, Takahashi N, Udagawa N, Sato K, Nagata N, Moseley JM, Martin TJ, Suda T. Parathyroid hormone (PTH)-related protein is a potent stimulator of osteoclast-like multinucleated cell formation to the same extent as PTH in mouse marrow cultures. Endocrinology 1989 Jul;125(1):20-7
Akesson A, Wollheim FA. Organ manifestations in 100 patients with progressive systemic sclerosis: a comparison between the CREST syndrome and diffuse scleroderma. Br J Rheumatol 1989 Aug;28(4):281-6
Akhtar M see **McKinnie J**
Akil B see **Gill PS**
Akimoto H see **Yamaki S**
Akiyama K see **Anzai N**
Akiyama M see **Kohno N**
Akriviadis E, Korula J, Gupta S, Ko Y, Yamada S. Frequent endoscopic variceal sclerotherapy increases risk of complications. Prospective randomized controlled study of two treatment schedules. Dig Dis Sci 1989 Jul; 34(7):1068-74
Alam M see **Mahdyoon H**
Alarcón GS see **Hagglund KJ**
Alavi M see **Masjedi MR**
Albersheim SG see **Solimano AJ**
Albert A see **Hans P**
Albert DM see **Howard MA**
Albina JE see **Winkler MF**
Albo D Jr see **Merrell SW**
Albus-Lutter CE see **Klaase JM**
Alcalay J, Goldberg LH, Wolf JE Jr, Kripke ML. Variations in the number and morphology of Langerhans' cells in the epidermal component of squamous cell carcinomas. Arch Dermatol 1989 Jul;125(7):917-20
Alde SL see **Wallis RS**
Alden D, Austin C, Sturgeon R. A correlation between the Geriatric Depression Scale long and short forms. J Gerontol 1989 Jul;44(4):P124-5
Alderman E see **Ellis SG**
Alderson PO. Another look at pulmonary embolism [editorial] Radiology 1989 Aug;172(2):313-4
Aldouri M see **Mok Q**
Aledort LM, Essig B. AIDS laws—impractical solutions to practical problems [editorial] Hosp Pract [Off] 1989 Jul 15;24(7):11-3
Alex S see **Köhrle J**
Alexander AH, Burkus JK, Mitchell JB, Ayers WV. Chymopapain chemonucleolysis versus surgical discectomy in a military population. Clin Orthop 1989 Jul;(244):158-65
Alexander GJ see **O'Grady JG**
Alexander JT see **Saris SC**
Alexander JW see **Ogle CK**
Alexander L see **Walson PD**
Alexander MP see **Katz DI**
Alfonsi G see **Dowling PT**
Alfonso E see **Koidou-Tsiligianni A**
Alford CA Jr see **Whitley RJ**
Alguire PC see **Beyth RJ**
Ali MH see **Silberstein DS**
Ali Khan MA, Mullins CE, Nihill MR, al Yousef S, al Oufy S, Abdullah M, al Fagih MR, Sawyer W. Percutaneous catheter closure of the ductus arteriosus in children and young adults. Am J Cardiol 1989 Jul 15;64(3):218-21
Alison R see **Thomas GM**
Allansmith MR see **Trocme SD**
Allavena P see **Biondi A**
Allen AD. Speaking of peer review... [letter] Arch Dermatol 1989 Jul;125(7):1001-2
Allen BJ see **Brodsky MA**

Allen BS see **Beyersdorf F**
Allen BT see **Sicard GA**
Allen DC see **Richardson SG**
Allen G, Rosenberg H. Muscle biopsy testing for malignant hyperthermia [letter] Plast Reconstr Surg 1989 Aug; 84(2):373–4
Allen GL see **Bailey MH**
Allen H see **Verland S**
Allen HA 3d see **Scatarige JC**
Allen HH see **Gaspar LE**
Allen JN, Wewers MD. HIV-associated bronchiolitis obliterans organizing pneumonia. Chest 1989 Jul; 96(1):197–8
Allen MD see **Bardy GH**
Allen RH see **Skidmore MD**
Allen TD, Husmann DA. Ureteropelvic junction obstruction associated with ureteral hypoplasia. J Urol 1989 Aug;142(2):353–5
Alleva FD, Werber JL, Kimmelman CP. Pathologic quiz case 2. Mucomyxoma of the ethmoidal sinus with secondary sphenoidal sinus mucocele.
Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):878–9, 881
Allgulander C. Psychoactive drug use in a general population sample, Sweden: correlates with perceived health, psychiatric diagnoses, and mortality in an automated record-linkage study. Am J Public Health 1989 Aug; 79(8):1006–10
Allison J see **Harrison LC**
Allison JP see **Strober S**
Allison P see **Eidt JF**
Alm C see **Dahl-Puustinen ML**
Alpers MP see **Corkill JA**
Alpert JS see **Wenger NK**
Alspaugh J see **Lumsden AB**
Altés J see **Buades J**
Altmaier EM see **Smith WL**
Altman A see **Coggeshall KM**
Altman HG see **Hollowell JG**
Altman HG see **Schiebler ML**
Altman K see **Peterson DI**
Altman LC see **Ayars GH**
Altmann P, Dhanesha U, Hamon C, Cunningham J, Blair J, Marsh F. Disturbance of cerebral function by aluminium in haemodialysis patients without overt aluminium toxicity. Lancet 1989 Jul 1;2(8653):7–12
Alvarez RB see **Tomé FM**
Alves WM see **Colohan AR**
Amadio PC see **Bradway JK**
Amador AG see **Mayerhofer A**
Amagasa M. Delayed arterial narrowing following SAH [letter] J Neurosurg 1989 Jul;71(1):152–3
Amaral JF, O'Connor JA, Shearer JD, Hull SL, Caldwell MD. Somatomedin-A inhibits glucagon-stimulated hepatic gluconeogenesis. J Trauma 1989 Jun;29(6):842–6
Amaro H, Zuckerman B, Cabral H. Drug use among adolescent mothers: profile of risk. Pediatrics 1989 Jul; 84(1):144–51
Amato DA see **Shiraki M**
Ambepitiya GB. Angioimmunoblastic lymphadenopathy associated with thyroid disease [letter] J Clin Pathol 1989 Jun;42(6):668–9
Ambersley J see **Glaspy JA**
Ambrose J see **Rentrop KP**
Ambrose JA. Coronary morphology in unstable angina [letter] Am J Cardiol 1989 Jul 15;64(3):256
Amemiya K see **Kimura T**
Amendola MA see **Ikeda DM**
Amendola MA see **Sheline M**
Ament ME see **Hassall E**
Amery A see **Fagard R**
Ames D see **Davies B**
Ames R see **Tan PL**
Ames RP, Chrysant SG, Gonzalez F, Schnaper HW, Spann S, Velasquez MT. Effectiveness of doxazosin in systemic hypertension. Am J Cardiol 1989 Jul 15;64(3):203–8
Ames SA see **Wright FH**
Amigo E see **Loewenstein DA**
Amin NM. Zidovudine for treating AIDS. What physicians need to know. Postgrad Med 1989 Jul;86(1):195–6, 201–8 (7 ref.)
Amir N see **Hurvitz H**
Amir-Tahmasseb MH see **Wallis RS**
Ammerman A see **Maxwell K**
Amodeo C, Perez J, Sturgill BC, Turner SM, Atuk NO. Disparate urinary catecholamine patterns in secondary hypertension due to unique sequential development of pheochromocytoma and neuroblastoma.
Arch Pathol Lab Med 1989 Jul;113(7):800–2
Amplatz K see **Epstein DH**
Amsel Z see **Haverkos HW**
Amyes EW. Lidocaine in treatment of hypoxia [letter] J Neurosurg 1989 Jul;71(1):153–4
An HL, Saksena S, Janssen M, Osypka P. Radiofrequency ablation of ventricular myocardium using active fixation and passive contact catheter delivery systems.
Am Heart J 1989 Jul;118(1):69–77
Anagnostopoulos N see **Cohen H**
Anamur M see **McKendall GR**
Ananth JV see **Garber HJ**
Ananth U, Queenan JT. Does midtrimester delta OD450 of amniotic fluid reflect severity of Rh disease?
Am J Obstet Gynecol 1989 Jul;161(1):47–9
Anast C see **Chen C**
Ancill R see **Leishman D**
Anderman S see **Ellenbogen A**
Andersen HF see **Elkins TE**
Andersen J see **Hansen PV**
Andersen MA. Cortical Bone Repair. The Relationship of the Lacunar-Canalicular System and Intercellular Gap Junctions to the Repair Process [letter]
J Bone Joint Surg [Am] 1989 Jul;71(6):953
Andersen P see **Kjaergaard SK**
Anderson CB see **Sicard GA**
Anderson DK see **Zuccarello M**
Anderson E. Old? Who's old? Geriatrics 1989 Jul;44(7):92–3
Anderson E see **Tudor-Williams G**
Anderson G see **Acland RD**
Anderson G see **Elkins TE**
Anderson GH see **Hrboticky N**
Anderson GL see **Reed MW**
Anderson JC see **Campbell SK**
Anderson JJ, Firschein HE, Meenan RF. Sensitivity of a health status measure to short-term clinical changes in arthritis. Arthritis Rheum 1989 Jul;32(7):844–50
Anderson JL. Reperfusion, patency and reocclusion with anistreplase (APSAC) in acute myocardial infarction.
Am J Cardiol 1989 Jul 5;64(2):12A–17A; discussion 24A–26A (31 ref.)
Anderson JM see **Preece PM**
Anderson K see **Sternini C**
Anderson KR see **Linn WS**
Anderson LC see **Kereiakes DJ**
Anderson MC see **McIndoe GA**
Anderson NJ see **Norbeck JS**
Anderson PJ, Wilson JD, Hiller FC. Particle size distribution of mainstream tobacco and marijuana smoke. Analysis using the electrical aerosol analyzer.
Am Rev Respir Dis 1989 Jul;140(1):202–5
Anderson PS see **Lombet JR**
Anderson PS see **Pettibone DJ**
Anderson RH see **Smith A**
Anderson RJ see **Richards MS**
Anderson RL see **Holds JB**
Anderson RR. In vivo fluorescence of human skin [letter] Arch Dermatol 1989 Jul;125(7):999–1000
Anderström C, Johansson SL, Pettersson S, Wahlqvist L. Carcinoma of the ureter: a clinicopathologic study of 49 cases. J Urol 1989 Aug;142(2):280–3
Andrade JC see **de Paola AA**
Andreasen N see **Coryell W**
Andress DL, Norris KC, Coburn JW, Slatopolsky EA, Sherrard DJ. Intravenous calcitriol in the treatment of refractory osteitis fibrosa of chronic renal failure [see comments] N Engl J Med 1989 Aug 3;321(5):274–9.
Comment in: N Engl J Med 1989 Aug 3;321(5):317–9
Andress JD, Polish LB, Clark DM, Hossack KF. Transvenous biopsy diagnosis of cardiac lymphoma in an AIDS patient.
Am Heart J 1989 Aug;118(2):421–3
Andress M see **Beeson WL**
Andreu J see **Gil-Vernet JM**
Andrew M see **Sunisloe LL**
Andrewes D see **Davies B**
Andrews BT see **Mampalam TJ**
Andrews G. Private and public psychiatry: a comparison of two health care systems. Am J Psychiatry 1989 Jul; 146(7):881–6
Andrews LG, Souma JA. Elevated serum alpha-fetoprotein in a pregnant woman with rheumatoid arthritis [letter]
N Engl J Med 1989 Jul 27;321(4):262–3
Andrews LR see **Wolff MS**
Andrianakis P, Walker DW, Ralph MM, Thorburn GD. Effect of inhibiting prostaglandin synthesis in pregnant sheep with 4-aminoantipyrine under normothermic and hyperthermic conditions. Am J Obstet Gynecol 1989 Jul;161(1):241–7
Andrulis DP, Weslowski VB, Gage LS. The 1987 US hospital AIDS survey. JAMA 1989 Aug 11;262(6):784–94
Anegawa S, Hayashi T, Ozuru K, Kuramoto S, Nishimura K, Shimizu T, Hirata M. Sparganosis of the brain. Case report. J Neurosurg 1989 Aug;71(2):287–9
Aneiros J see **Bermúdez FJ**
Angel A, Armstrong MA, Klatsky AL. Blood pressure among Asian-Americans living in northern California.
Am J Cardiol 1989 Jul 15;64(3):237–40
Angelini P see **Leachman DR**
Angell WW, Oury JH, Lamberti JJ, Koziol J. Durability of the viable aortic allograft. J Thorac Cardiovasc Surg 1989 Jul;98(1):48–55; discussion 55–6
Angermeier KW, Montie JE. Perioperative complications of adrenal surgery. Urol Clin North Am 1989 Aug; 16(3):597–606 (76 ref.)
Ansari A. Syndrome of mitral valve prolapse: current perspectives. Prog Cardiovasc Dis 1989 Jul–Aug; 32(1):31–72 (151 ref.)
Ansell J see **Stone S**
Antel JP see **Siddique T**
Antila KJ see **Hirvonen HE**
Antman KH. Natural history and staging of malignant mesothelioma. Chest 1989 Jul;96(1 Suppl):93S–95S
Anton M see **Hamburger J**
Antonacci AC see **Organ BC**
Antonelli AR see **Nicolai P**
Antoni FA see **Dayanithi G**
Antonucci TC see **Herzog AR**
Antuono PG see **Hellman RS**
Anzai N, Akiyama K, Tsuchida K, Yamada M, Kito S, Yamamura Y. Treatment by pacemaker in familial amyloid polyneuropathy. Chest 1989 Jul;96(1):80–4
Anzarut A see **Reid SE**
Aoki FY see **Mitenko PA**
Aoki S, Barkovich AJ, Nishimura K, Kjos BO, Machida T, Cogen P, Edwards M, Norman D. Neurofibromatosis types 1 and 2: cranial MR findings. Radiology 1989 Aug; 172(2):527–34
Aoki S, Dillon WP, Barkovich AJ, Norman D. Marrow conversion before pneumatization of the sphenoid sinus: assessment with MR imaging. Radiology 1989 Aug; 172(2):373–5
Aoki S, Okada Y, Nishimura K, Barkovich AJ, Kjos BO, Brasch RC, Norman D. Normal deposition of brain iron in childhood and adolescence: MR imaging at 1.5 T. Radiology 1989 Aug;172(2):381–5
Aoki Y see **Takaoka K**
Aono T see **Mori K**
Aparicio LA see **Sanchez-Burson J**
Apelgren KN see **Rocklin MS**
Apfelberg DB, Maser MR, Lash H, White DN. Sapphire tip technology for YAG laser excisions in plastic surgery.
Plast Reconstr Surg 1989 Aug;84(2):273–9
Appel PL see **Kram HB**
Appel PL see **Shoemaker WC**
Appelbaum PS, Zonana H, Bonnie R, Roth LH. Statutory approaches to limiting psychiatrists' liability for their patients' violent acts. Am J Psychiatry 1989 Jul; 146(7):821–8
Applegate PM see **Bansal RC**
Appleyard WJ. National Health Service White Paper. Will it work for patients? Arch Dis Child 1989 Apr;64(4):643–5
April EW see **Flatow EL**
Apter A, Plutchik R, Sevy S, Korn M, Brown S, van Praag H. Defense mechanisms in risk of suicide and risk of violence. Am J Psychiatry 1989 Aug;146(8):1027–31
Apter S see **Zissin R**
Arafah BM, Taylor HC, Salazar R, Saadi H, Selman WR. Apoplexy of a pituitary adenoma after dynamic testing with gonadotropin-releasing hormone. Am J Med 1989 Jul; 87(1):103–5
Aral SO see **Marx R**
Aramburu JF see **Barasoain I**
Aranda JV see **Chemtob S**
Aranow AB, Hudson JI, Pope HG Jr, Grady TA, Laage TA, Bell IR, Cole JO. Elevated antidepressant plasma levels after addition of fluoxetine. Am J Psychiatry 1989 Jul; 146(7):911–3
Arbisi P see **Depue RA**
Arbit E. Optic nerve sheath meningioma [letter]
J Neurosurg 1989 Jul;71(1):151
Arbizo V see **Vrabec T**
Archambeaud-Mouveroux F, Dejax C, DeBuhan B, Bonnaud F. Hyperthyroidism without elevated levels of thyroxine and triiodothyronine in a patient with pulmonary tuberculosis. South Med J 1989 Jul;82(7):907–10
Archer PG see **Riggs BS**
Archie CL, Lee MI, Sokol RJ, Norman G. The effects of methadone treatment on the reactivity of the nonstress test. Obstet Gynecol 1989 Aug;74(2):254–5
Arditi M, Herold BC, Yogev R. Cefuroxime treatment failure and Haemophilus influenzae meningitis: case report and review of literature. Pediatrics 1989 Jul;84(1):132–5 (36 ref.)
Arends D see **Lavine SJ**
Arendt EA, Hunter RE, Schneider WT. Vascularized patella tendon anterior cruciate ligament reconstruction.
Clin Orthop 1989 Jul;(244):222–32
Arevalo JA. Hepatitis B in pregnancy. West J Med 1989 Jun; 150(6):668–74 (66 ref.)
Arfken C see **Gates GA**
Argenta LC see **Jackson IT**
Aria AA see **Mustaciuolo VW**
Arie S see **Mangione JA**
Arieff AI see **Bersin RM**
Ariet M see **Resnick MB**
(Aristotle), Morowitz HJ. Twenty books clad in black or red. Hosp Pract [Off] 1989 Jul 15;24(7):207–8
Arita H see **Ogle CK**
Arm JP, O'Hickey SP, Spur BW, Lee TH. Airway responsiveness to histamine and leukotriene E4 in subjects with aspirin-induced asthma. Am Rev Respir Dis 1989 Jul; 140(1):148–53
Armetta NA. Assessment of obstetric risk [letter]
J Fam Pract 1989 Jul;29(1):17–8
Armitage N see **Waldock A**
Armstrong MA see **Angel A**
Armstrong PW see **Freeman MR**
Armstrong S see **Simpson TF**
Arnaiz-Villena A see **Regueiro JR**
Arndt PA see **Nance SJ**
Arnett FC see **Targoff IN**
Arnold HL Jr. Dermatology, 50 years ago. JAMA 1989 Aug 11;262(6):824–5
Arnold MH, Janssen B, Schrieber L, Brooks PM. Prospective pilot study of intravenous pulse cyclophosphamide therapy for refractory rheumatoid arthritis [letter]
Arthritis Rheum 1989 Jul;32(7):933–4
Arnold R see **Smith A**
Arnoletti E see **Sideri M**
Arnot RN see **Peters AM**

Arnoux B see **Miadonna A**
Aroesty DJ see **Toffel PH**
Aroney CN, Herrmann HC, Semigran MJ, Dec GW, Boucher CA, Fifer MA. Linearity of the left ventricular end-systolic pressure-volume relation in patients with severe heart failure. J Am Coll Cardiol 1989 Jul;14(1):127–34
Aronow WS. Correlation of ischemic ST-segment depression on the resting electrocardiogram with new cardiac events in 1,106 patients over 62 years of age. Am J Cardiol 1989 Jul 15;64(3):232–3
Arora R see **Mohan JC**
Arquilla ER, Edwards S, McDougall BR, Mosqueda L, Stenger DP. Differences in humoral insulin-antibody response among inbred Lou/M rats and epitope presentation differences in ELISA and radioimmune titration. Diabetes 1989 Jul;38(7):868–73
Arriagada R, Le Chevalier T. Report of the IASLC Le Havre Workshop. Chest 1989 Jul;96(1 Suppl):82S–83S
Arriagada R. How should thoracic radiotherapy be given in limited small cell lung cancer? Chest 1989 Jul;96(1 Suppl):78S–80S
Arriagada R see **Le Chevalier T**
Arrivé L, Hricak H, Tavares NJ, Miller TR. Malignant versus nonmalignant retroperitoneal fibrosis: differentiation with MR imaging. Radiology 1989 Jul;172(1):139–43
Arrowood JA see **Mohanty PK**
Arthur GR see **Morishima HO**
Arthur J see **Tyrrell D**
Artru AA, Schultz AB, Bonneu JJ. Modification of an Eschmann Introducer to permit measurement of end-tidal carbon dioxide. Anesth Analg 1989 Jul;69(1):995–7
Asamura H see **Shimosato Y**
Asanuma Y see **Koyama K**
Ascher J see **Goldberg ME**
Aseni P see **Belli L**
Ashburn MA see **Stanley TH**
Ashman RF see **Futran J**
Ashton J see **Eidt JF**
Ashton-Miller JA see **Van der Spek AF**
Ashwal S see **Peabody JL**
Askanas V see **Tomé FM**
Askin FB see **Santrach PJ**
Asnis GM see **Halbreich U**
al-Assaf AF, Wilson CN. Physicians affected by Medicare Catastrophic Coverage Act. South Med J 1989 Jul; 82(7):853–6
Assimos DG, Boyce WH, Harrison LH, McCullough DL, Kroovand RL, Sweat KR. The role of open stone surgery since extracorporeal shock wave lithotripsy. J Urol 1989 Aug;142(2):263–7
Asthana S, Walker D, Iyengar S, Shafran S, Conly J. Mycotic aneurysm presenting as fever of unknown origin. West J Med 1989 Jun;150(6):694–6
Astrachan BM see **Astrachan JH**
Astrachan JH, Astrachan BM. Medical practice in organized settings. Redefining medical autonomy. Arch Intern Med 1989 Jul;149(7):1509–13
Atar D, Dyrberg T, Michelsen B, Karlsen A, Kofod H, Mølvig J, Lernmark A. Site-specific antibodies distinguish single amino acid substitutions in position 57 in HLA-DQ beta-chain alleles associated with insulin-dependent diabetes. J Immunol 1989 Jul 15;143(2):533–8
Athanasoulis CA see **Durham JD**
Athanasoulis CA see **Simon M**
Atherton DJ see **Glover MT**
Attanasio AE. Medical technology in Italy [letter] Lancet 1989 Jul 8;2(8654):109
Attias D see **Halperin DL**
Attwood SE, Cafferkey MT, Keane FB. Yersinia infections in surgical practice. Br J Surg 1989 May;76(5):499–504 (138 ref.)
Atuk NO see **Amodeo C**
Atweh NA see **Duncan AO**
Au P see **Bhandari AK**
Auffermann W, Olofsson PA, Rabahie GN, Tavares NJ, Stoney RJ, Higgins CB. Incorporation versus infection of retroperitoneal aortic grafts: MR imaging features. Radiology 1989 Aug;172(2):359–62
Augsburger JJ see **Duker JS**
Ausbon WW see **Resnick MB**
Ausiello DA see **Light DB**
Ausman LM, Gallina DL, Hegsted DM. Protein-calorie malnutrition in squirrel monkeys: adaptive response to calorie deficiency. Am J Clin Nutr 1989 Jul;50(1):19–29
Ausman LM see **Blocker DE**
Austin C see **Alden D**
Austin C see **Gonzalez R**
Austin JH, Schulman LL, Mastrobattista JD. Pulmonary infection after cardiac transplantation: clinical and radiologic correlations. Radiology 1989 Jul;172(1):259–65
Austin JH see **Cohen MB**
Austin-Seymour M, Griffin T, Laramore G, Maor M, Parker R. High-LET radiation therapy of non-small cell lung cancer. Chest 1989 Jul;96(1 Suppl):72S–73S (4 ref.)
Auvert JM see **Chopin DK**
Avedissian MG see **Leachman DR**
Avis I see **Mulshine JL**
Avital A, Springer C, Mogle P, Godfrey S. Successful treatment after 'drowning' in sand. Arch Dis Child 1989 Apr;64(4):615–6
Avitall B see **McKinnie J**
Avol EL see **Linn WS**
Avvisati G, ten Cate JW, Büller HR, Mandelli F. Tranexamic acid for control of haemorrhage in acute promyelocytic leukaemia. Lancet 1989 Jul 15;2(8655):122–4
Awang DV, Kindack DG. Atropine as possible contaminant of comfrey tea [letter] Lancet 1989 Jul 1;2(8653):44
Awaya Y see **Kohno N**
Axel L, Dougherty L. Heart wall motion: improved method of spatial modulation of magnetization for MR imaging. Radiology 1989 Aug;172(2):349–50
Axel L see **Schiebler ML**
Axon AT see **Sobala GM**
Axtell K see **Kalbfleisch KR**
Ayala C see **Acedo A**
Ayars GH, Altman LC, McManus MM, Agosti JM, Baker C, Luchtel DL, Loegering DA, Gleich GJ. Injurious effect of the eosinophil peroxide-hydrogen peroxide-halide system and major basic protein on human nasal epithelium in vitro. Am Rev Respir Dis 1989 Jul;140(1):125–31
Ayed K see **Boukhris R**
Ayela P see **Viens P**
Ayers WV see **Alexander AH**
Aylward CA see **Borrero E**
Ayoub DM see **Kuhn MJ**
Ayoub EM. Prophylaxis in patients with rheumatic fever: every three or every four weeks? J Pediatr 1989 Jul; 115(1):89–91
Ayoub EM see **Rizkallah MF**
Ayus JC, Krothapalli RK. Effect of bicarbonate administration on cardiac function. Am J Med 1989 Jul; 87(1):5–6 (28 ref.)
Ayyagiri A see **Bhasin D**
Ayyar DR see **Daghistani D**
Azad SS see **Goldberg ME**
Azar S see **Mauer SM**
Azarnia N see **Cox JD**
Azhar S see **Steinschneider A**
Azizkhan RG see **Santrach PJ**
Azmy A see **Carachi R**
el-Azouzi M see **Panagopoulos KP**
Azzar D see **Perrin-Fayolle M**

B

B-Lynch C see **Gardosi J**
Baas J see **van Vlies B**
Baba S see **Nagata M**
Babayan VK see **Teo TC**
Babb TL see **Rausch R**
Babcock D see **Ford LM**
Babson SG. Mortality rates [letter] Pediatrics 1989 Aug; 84(2):402–3
Bach JF see **Chatenoud L**
Bach JF see **Dardenne M**
Bach N, Thung SN, Schaffner F. Comfrey herb tea-induced hepatic veno-occlusive disease. Am J Med 1989 Jul; 87(1):97–9
Bach TM see **Goldie PA**
Bacharach P see **Sawin CT**
Baciewicz AM, Baciewicz FA Jr. Effect of cimetidine and ranitidine on cardiovascular drugs. Am Heart J 1989 Jul; 118(1):144–54 (68 ref.)
Baciewicz FA Jr see **Baciewicz AM**
Back T see **Goey H**
Backonja M, Beinlich B, Dulli D, Schutta HS. Haloperidol and lorazepam for the treatment of nausea and vomiting associated with the treatment of intractable migraine headaches [letter] Arch Neurol 1989 Jul;46(7):724
Bacon KB see **Halbreich U**
Bacon PA see **Salmon M**
Bacon R see **Sansome AJ**
Baczkowski AJ. Anxiety and informed consent [letter] Anaesthesia 1989 May;44(5):446
Baddeley RM see **Kirby RM**
Badia JM see **Nubiola P**
Baeckert P see **Bucher HU**
Baer L see **Jenike MA**
Baerman JM see **Ropella KM**
Bagger JP see **Thomassen A**
Baggish MS, Sze EH, Adelson MD, Cohn G, Oates RP. Quantitative evaluation of the skin and accessory appendages in vulvar carcinoma in situ. Obstet Gynecol 1989 Aug;74(2):169–74
Baggish MS, Dorsey JH, Adelson M. A ten-year experience treating cervical intraepithelial neoplasia with the CO2 laser. Am J Obstet Gynecol 1989 Jul;161(1):60–8
Baggs JG. Intensive care unit use and collaboration between nurses and physicians. Heart Lung 1989 Jul;18(4):332–8
Bahadori M see **Masjedi MR**
Bahadur G see **Woodhouse CR**
Bahou WF, Ginsburg D, Sikkink R, Litwiller R, Fass DN. A monoclonal antibody to von Willebrand factor (vWF) inhibits factor VIII binding. Localization of its antigenic determinant to a nonadecapeptide at the amino terminus of the mature vWF polypeptide. J Clin Invest 1989 Jul; 84(1):56–61
Baig S, Olsson T, Link H. Predominance of Borrelia burgdorferi specific B cells in cerebrospinal fluid in neuroborreliosis. Lancet 1989 Jul 8;2(8654):71–4
Bailes JE, Cozzens JW, Hudson AR, Kline DG, Ciric I, Gianaris P, Bernstein LP, Hunter D. Laser-assisted nerve repair in primates. J Neurosurg 1989 Aug;71(2):266–72
Bailey CC see **Heney D**
Bailey FA, Lilly M, Bertoli LF, Ball GV. An antibody that inhibits in vitro bone marrow proliferation in a patient with systemic lupus erythematosus and aplastic anemia. Arthritis Rheum 1989 Jul;32(7):901–5
Bailey MH, Jackson IT, Baker HL, Allen GL. Localization of injected silicone with MRI prior to removal by suction cannula [letter] Plast Reconstr Surg 1989 Aug;84(2):364–6
Bailey MK see **Sullivan MJ**
Bailey PL see **Stanley TH**
Bailie IE. Preventing osteoporosis [letter] West J Med 1989 Jun;150(6):697
Baillot R, Dontigny L, Verdant A, Vaillancourt R, Pagé A, Pagé P, Cossette R. Intrapericardial trauma: surgical experience. J Trauma 1989 Jun;29(6):736–40
Baim DS see **Reis GJ**
Bainton DF see **Handagama PJ**
Bainton DF see **McEver RP**
Baird AM see **Tazelaar HD**
Baird B see **Marano N**
Baird BF see **Masur H**
Baird GM see **Ferner RE**
Baisden CR see **DeLaurier GA**
Bajenov N see **Lloyd A**
Baker B see **Rennie JM**
Baker C see **Ayars GH**
Baker CJ see **Kohl S**
Baker HL see **Bailey MH**
Baker JD 3d see **Sullivan MJ**
Baker MD see **Li M**
Baker ME, Blinder R, Spritzer C, Leight GS, Herfkens RJ, Dunnick NR. MR evaluation of adrenal masses at 1.5 T. AJR Am J Roentgenol 1989 Aug;153(2):307–12
Baker PB see **Starling RC**
Baker PJ see **Kerjaschki D**
Baker SL see **Silberstein DS**
Bakhai Y see **Halbreich U**
Bakirci N see **Feczko PJ**
Bakker FC, Rauwerda JA, Moens HJ, van den Broek TA. Intermittent claudication and limb-threatening ischemia in systemic lupus erythematosus and in SLE-like disease: a report of two cases and review of the literature. Surgery 1989 Jul;106(1):21–5 (32 ref.)
Balaguer E see **Ruiz MT**
Balasubramaniam P see **Kumar VP**
Balderston RA see **Foley M**
Baldini P, Incerpi S, Lambert-Gardini S, Spinedi A, Luly P. Membrane lipid alterations and Na+-pumping activity in erythrocytes from IDDM and NIDDM subjects. Diabetes 1989 Jul;38(7):825–31
Balducci L see **Hescock H Jr**
Bale AE see **Friedman E**
Balfe DM see **Engels JT**
Balfour AH see **Joynson DH**
Balfour I see **Kesler KA**
Balian G see **Coe MR**
Ball AB, Thomas PA, Evans SJ. Operative mortality after perforated peptic ulcer. Br J Surg 1989 May;76(5):521–2
Ball GV see **Bailey FA**
Ball M see **Edington JD**
Ball R, Rosser R. Psychosis and anti-tuberculosis therapy [letter] Lancet 1989 Jul 8;2(8654):105
Ballard CA see **Bergman A**
Ballare C, Bravo AI, Laucella S, Sorin I, Cerdeiro R, Loza J, Sousa Martinez F, Guman N, Mordoh J. DNA synthesis in estrogen receptor-positive human breast cancer takes place preferentially in estrogen receptor-negative cells. Cancer 1989 Aug 15;64(4):842–8
Ballas ZK see **Goeken NE**
Ballenger JC, Carek DJ, Steele JJ, Cornish-McTighe D. Three cases of panic disorder with agoraphobia in children. Am J Psychiatry 1989 Jul;146(7):922–4
Ballenger M see **Hinderliter AL**
Ballerini S see **Benigni A**
Ballinger ME see **Monath TP**
Ballinger R see **Hescock H Jr**
Ballinger R see **McCarley RW**
Balogh M see **Kahn HA**
Balsano F, Coccheri S, Libretti A, Nenci GG, Catalano M, Fortunato G, Grasselli S, Violi F, Hellemans H, Vanhove P. Ticlopidine in the treatment of intermittent claudication: a 21-month double-blind trial. J Lab Clin Med 1989 Jul; 114(1):84–91
Bamba T see **Fuse K**
Banavali SD, Parikh PM, Charak BS, Modi A, Iyer R, Nadkarni KS, Saikia T, Gopal R, Soman CS, Advani SH. Danazol in treatment of angio-immunoblastic lymphadenopathy. Cancer 1989 Aug 1;64(3):613–5
Bancalari E see **Gerhardt T**
Banchereau J see **Bonnefoy JY**
Bandeira A see **Cash E**
Bando K, Teramoto S, Tago M, Teraoka H, Seno S, Senoo Y. Successful extended hypothermic cardiopulmonary preservation for heart-lung transplantation. J Thorac Cardiovasc Surg 1989 Jul;98(1):137–45; discussion 145–6
Bandyk DF. Preoperative imaging of aortic aneurysms. Conventional and digital subtraction angiography, computed tomography scanning, and magnetic resonance imaging. Surg Clin North Am 1989 Aug;69(4):721–35 (35 ref.)
Bandyopadhyay D see **Shikowitz MJ**
Banerjee K, Rodrigues J, Israel Z, Kulkarni S, Thakar M.

Outbreak of HIV seropositivity among commercial plasma donors in Pune, India [letter] Lancet 1989 Jul 15; 2(8655):166
Bang A, Bang R. Premarital sex in rural India [letter] Lancet 1989 Jul 8;2(8654):109
Bang R see Bang A
Bankey P, Fiegel V, Singh R, Knighton D, Cerra F. Hypoxia and endotoxin induce macrophage-mediated suppression of fibroblast proliferation. J Trauma 1989 Jul;29(7):972–9; discussion 979–80
Banks PM see Pratt LF
Banner MP see Sheline M
Bansal RC, Heywood JT, Applegate PM, Jutzy KR. Detection of left atrial thrombi by two-dimensional echocardiography and surgical correlation in 148 patients with mitral valve disease. Am J Cardiol 1989 Jul 15;64(3):243–6
Banzhaf D. To best was always to worst, but worse is better, if good and bad are relevant [letter] JAMA 1989 Jul 14; 262(2):210
Bar-Yishay E see Godfrey S
Baracchini E see Sills MN
Barakat K see Fakhry J
Barakat K see Kotval PS
Baranov A, Gale RP, Guskova A, Piatkin E, Selidovkin G, Muravyova L, Champlin RE, Danilova N, Yevseeva L, Petrosyan L, et al. Bone marrow transplantation after the Chernobyl nuclear accident [see comment] N Engl J Med 1989 Jul 27;321(4):205–12. **Comment on:** N Engl J Med 1989 Jul 27;321(4):254–5
Bárány M, Siegel IM, Venkatasubramanian PN, Mok E, Wilbur AC. Human leg neuromuscular diseases: P-31 MR spectroscopy. Radiology 1989 Aug;172(2):503–8
Barasoain I, Portolés A, Aramburu JF, Rojo JM. Antibodies against a peptide representative of a conserved region of human IFN-alpha. Differential effects on the antiviral and antiproliferative effects of IFN. J Immunol 1989 Jul 15; 143(2):507–12
Barba D see Saris SC
Barbara L see Testa S
Barbas NR see Pessin MS
Barbash GI, Hod H, Rath S, Miller HI, Roth A, Har-Zahav Y, Modan M, Rotstein Z, Batler A, Zivelin A, et al. Intermittent, dose-related fluctuations of pain and ST elevation during infusion of recombinant tissue plasminogen activator during acute myocardial infarction. Am J Cardiol 1989 Jul 15;64(3):225–8
Barbato G see Muscettola G
Barbee JG, Clark PD, Crapanzano MS, Heintz GC, Kehoe CE. Alcohol and substance abuse among schizophrenic patients presenting to an emergency psychiatric service. J Nerv Ment Dis 1989 Jul;177(7):400–7
Barber CV see Stone GC
Barbieri D see Falender LG
Barbosa JJ see Santamaria P
Barbui T see Biondi A
Barchas JD see Stahl SM
Barclay M see Elkins TE
Bardaji A see Cinca J
Bardfeld P see Schweitzer ME
Bardi R see Boukhris R
Bardy GH, Ivey TD, Allen MD, Johnson G, Greene HL. Prospective comparison of sequential pulse and single pulse defibrillation with use of two different clinically available systems. J Am Coll Cardiol 1989 Jul;14(1):165–71
Bardy GH see Gartman DM
Barham PD see Davis LL
Barkai G see Schiff E
Barkan AL. Pituitary atrophy in patients with Sheehan's syndrome. Am J Med Sci 1989 Jul;298(1):38–40
Barker JH, Hammersen F, Bondàr I, Galla TJ, Menger MD, Gross W, Messmer K. Direct monitoring of nutritive blood flow in a failing skin flap: the hairless mouse ear skin-flap model. Plast Reconstr Surg 1989 Aug;84(2):303–13
Barker RL, Loegering DA, Ten RM, Hamann KJ, Pease LR, Gleich GJ. Eosinophil cationic protein cDNA. Comparison with other toxic cationic proteins and ribonucleases. J Immunol 1989 Aug 1;143(3):952–5
Barkovich AJ see Aoki S
Barkovich AJ see Filly RA
Barkovich AJ see King MA
Barkun AN see Ponchon T
Barloon TJ see Yuh WT
Barlow D see Tang A
Barnas GM, Mackenzie CF, Skacel M, Hempleman SC, Wicke KM, Skacel CM, Loring SH. Amplitude dependency of regional chest wall resistance and elastance at normal breathing frequencies. Am Rev Respir Dis 1989 Jul; 140(1):25–30
Barnes D see Mayer TG
Barnes D see Wulc AE
Barnes J see Pinkerton CR
Barnes KM see Manasco PK
Barnes RW, Lang NP, Whiteside MF. Halstedian technique revisited. Innovations in teaching surgical skills. Ann Surg 1989 Jul;210(1):118–21
Barnett GH see Rosenfeld JV
Barnhart S see Sherman CB
Barnhill JE 3d, Tendera M, Cade H, Campbell WB, Smith RF. Depolarization changes early in the course of myocardial infarction: significance of changes in the terminal portion of the QRS complex. J Am Coll Cardiol 1989 Jul;14(1):143–9
Barnwell JW see Wanidworanun C
Barold SS see Dick RS
Baron JA see Kiel DP
Baron R see Chen C
Baron RB. Management of hypercholesterolemia. A primary care perspective [clinical conference] West J Med 1989 May;150(5):562–8
Barouche F see Wolkin A
Barr AE see Gundersen LA
Barr BB, Benton EC, McLaren K, Bunney MH, Smith IW, Blessing K, Hunter JA. Papillomavirus infection and skin cancer in renal allograft recipients [letter] Lancet 1989 Jul 22;2(8656):224–5
Barr JG, Hogg GM, Smyth ET, Emmerson AM. Comparison of identification of Enterobacteriaceae by API 20E and Sensititre Autoidentification System. J Clin Pathol 1989 Jun;42(6):649–52
Barr N, Taylor CR, Young T, Springer GF. Are pancarcinoma T and Tn differentiation antigens? Cancer 1989 Aug 15; 64(4):834–41
Barrett DM see Strawbridge LR
Barrett KJ see Souroujon MC
Barrett RJ see Reid GC
Barrett-Connor E. Postmenopausal estrogen replacement and breast cancer [editorial; comment] N Engl J Med 1989 Aug 3;321(5):319–20. **Comment on:** N Engl J Med 1989 Aug 3;321(5):293–7
Barrido D see Oh MS
Barrier CH, Hirschowitz BI. Controversies in the detection and management of nonsteroidal antiinflammatory drug-induced side effects of the upper gastrointestinal tract. Arthritis Rheum 1989 Jul;32(7):926–32
Barrow I see Tyrrell D
Barry L see Sealy R
Barry W, Lenney W, Hatcher G. Bulging fontanelles in infants without meningitis [letter] Arch Dis Child 1989 Apr; 64(4):635–6
Barson WJ. Treatment of Bacillus infections [letter] Pediatrics 1989 Aug;84(2):403–4
Barss V, Greene MF, Frigoletto FD. Maternal age and screening for gestational diabetes: a population-based study [letter] Obstet Gynecol 1989 Aug;74(2):286–8
Barss VA see Greene MF
Barth G see Younis LT
Barth MO see Gudinchet F
Barthel MJ see Fuchs S
Bartholome WG. Office-based medication dispensing [letter] Pediatrics 1989 Aug;84(2):399–400
Bartholomew T see Erickson D
Bartke A see Mayerhofer A
Bartkowski RR, Goldberg ME, Larijani GE, Boerner T. Inhibition of alfentanil metabolism by erythromycin. Clin Pharmacol Ther 1989 Jul;46(1):99–102
Bartlett JA see Shaunak S
Bartley GB see Maguire LJ
Bartnitzke S see Bullerdiek J
Bartoletti A see Lichtig LK
Bartolucci G see Fava GA
Barton JC. Tumor lysis syndrome in nonhematopoietic neoplasms. Cancer 1989 Aug 1;64(3):738–40
Barton RW, Rothlein R, Ksiazek J, Kennedy C. The effect of anti-intercellular adhesion molecule-1 on phorbol-ester-induced rabbit lung inflammation. J Immunol 1989 Aug 15;143(4):1278–82
Bartorelli A see DeCesare N
Bartsch C, Bartsch H, Fuchs U, Lippert TH, Bellmann O, Gupta D. Stage-dependent depression of melatonin in patients with primary breast cancer. Correlation with prolactin, thyroid stimulating hormone, and steroid receptors. Cancer 1989 Jul 15;64(2):426–33
Bartsch H see Bartsch C
Barwick W see Georgiade NG
Barzilay E, Kessler D, Berlot G, Gullo A, Geber D, Ben Zeev I. Use of extracorporeal supportive techniques as additional treatment for septic-induced multiple organ failure patients. Crit Care Med 1989 Jul;17(7):634–7
Barzilay JI, Pazianos AG. Adrenocortical carcinoma. Urol Clin North Am 1989 Aug;16(3):457–68 (144 ref.)
Bascom MJ see Pearlson GD
Basgall EJ see Tompkins MB
Bashore TM see Pryor RE
Baskin JJ see Mattson DH
Bass B see Korman LY
Bass M. Sudden infant death syndrome [letter] BMJ 1989 May 13;298(6683):1311
Bassa A see Buades J
Bassan R see Biondi A
Bassand JP, Machecourt J, Cassagnes J, Lusson JR, Borel E, Schiele F. Limitation of myocardial infarct size and preservation of left ventricular function by early administration of APSAC in myocardial infarction. Am J Cardiol 1989 Jul 5;64(2):18A–23A; discussion 24A–26A
Bassett LW, Gold RH. Magnetic resonance imaging of the musculoskeletal system. An overview. Clin Orthop 1989 Jul;(244):17–28 (75 ref.)
Bassett LW see Kimme-Smith C
Bassett MT see Emmanuel JC
Bassetti D see Vento S
Bastide M see Bouanani M
Basu R see Murray A
Baszler TV see Tompkins MB
Bates S, Sjödén PO, Fellenius J, Nyrén O. Blocked and nonblocked acid secretion and reported pain in ulcer, nonulcer dyspepsia, and normal subjects. Gastroenterology 1989 Aug;97(2):376–83
Bathon H see Dalal SA
Bathon JM, Proud D, Krackow K, Wigley FM. Preincubation of human synovial cells with IL-1 modulates prostaglandin E2 release in response to bradykinin. J Immunol 1989 Jul 15;143(2):579–86
Batinic D see Sarajlic M
Batler A see Barbash GI
Batsakis JG, Raymond AK. Chondromyxoid fibroma. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):571–2
el-Battoty MF see Hafez M
Batzdorf U see Mathern GW
Bauer B see Jackson IT
Bauer E see Remmler D
Bauer FE, Zintel A, Kenny MJ, Calder D, Ghatei MA, Bloom SR. Inhibitory effect of galanin on postprandial gastrointestinal motility and gut hormone release in humans. Gastroenterology 1989 Aug;97(2):260–4
Bauer H see Keilholz U
Bauer KD see Engelhard HH 3d
Bauer SB, Dyro FM, Krarup C, Colodny AH, Mandell J, Retik AB. The unrecognized neuropathic bladder of infancy. J Urol 1989 Aug;142(2 Pt 2):589–91; discussion 603–5
Bauer SB, Peters CA, Colodny AH, Mandell J, Retik AB. The use of rectus fascia to manage urinary incontinence. J Urol 1989 Aug;142(2 Pt 2):516–9; discussion 520–1
Bauer SB see Joseph DB
Bauer SB see Peters CA
Bauer TW see Grenga TE
Bauer TW see Marks KE
Baugher WH see Wolock BS
Baughman RP see Linnemann CC Jr
Baum H see D'Angio GJ
Bauman J see Berkowitz GS
Baumann H, Wong GG. Hepatocyte-stimulating factor III shares structural and functional identity with leukemia-inhibitory factor. J Immunol 1989 Aug 15; 143(4):1163–7
Baumann M see Gup DI
Baumgartner AE see Marsh HM
Bauvois B, Ezine S, Imhof B, Denoyelle M, Thiery JP. A role for the thymic epithelium in the selection of pre-T cells from murine bone marrow. J Immunol 1989 Aug 15; 143(4):1077–86
Bauzá J see Acedo A
Baxter CR see Dobke MK
Baxter J see Strnad CM
Baylin S see Mabry M
Baylink DJ see Jennings JC
Bays RA see Helmy ES
Beabout JW see Keeney GL
Beach RS see Fordyce-Baum MK
Beal SL see Sheiner LB
Beals RK, Rolfe B. VATER association. A unifying concept of multiple anomalies. J Bone Joint Surg [Am] 1989 Jul; 71(6):948–50 (21 ref.)
Beals TF see Gilsdorf JR
Beam TE see Elliott DC
Beard MK, Curtis LR. Libido, menopause, and estrogen replacement therapy. Postgrad Med 1989 Jul;86(1):225–8 (9 ref.)
Beatie D see Koren G
Beatt K see de Feyter PJ
Beatty RA. Gas-containing cyst in the epidural space [letter] J Neurosurg 1989 Aug;71(2):306
Beaudoin RL see Nudelman S
Beaumont JJ see Roscoe RJ
Beaumont JJ see Soskolne CL
Beaver PC see Orihel TC
Beavis RE see Cook PT
Bechard DE, Gudas SA, Sholley MM, Grant AJ, Merchant RE, Fairman RP, Fowler AA, Glauser FL. Nonspecific cytotoxicity of recombinant interleukin-2 activated lymphocytes. Am J Med Sci 1989 Jul;298(1):28–33
Beck BN. Restricted assembly of haplotype-mismatched A alpha:A beta complexes in transgenic mice [letter] J Immunol 1989 Jul 15;143(2):755–6
Beck GJ see Rosenfeld JV
Beck RA, Blakeslee DB. The changing picture of facial fractures. 5-Year review. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):826–9
Becker DM, Conner HF, Waranch HR, Stillman F, Pennington L, Lees PS, Oski F. The impact of a total ban on smoking in the Johns Hopkins Children's Center. JAMA 1989 Aug 11;262(6):799–802
Becker GL see Landers DF
Becker LJ see Bright DA
Becker TM see Sewell CM
Beckett WC Jr see Robison JG
Beckmann CF, Roth RA, Bihrle W 3d. Dilation of benign ureteral strictures. Radiology 1989 Aug;172(2):437–41
Becks GP see Sinnaeve LJ
Beckstead JH see McEver RP
Beckwith JB see D'Angio GJ
Beckwith JB see Joshi VV
Becton DL, Raymond L, Thompson C, Berry DH. Acute-phase reactants in sickle cell disease. J Pediatr 1989 Jul;115(1):99–102

Bedossa P, Poynard T, Abella A, Paraf F, Lemaigre G, Martin E. Localization of apolipoprotein A-I and apolipoprotein A-II in human atherosclerotic arteries. Arch Pathol Lab Med 1989 Jul;113(7):777-80
Beekman RH, Rocchini AP. Transcatheter treatment of congenital heart disease. Prog Cardiovasc Dis 1989 Jul-Aug;32(1):1-30 (110 ref.)
Beekman RH see Vermilion RP
Beerthuizen GI, Goris RJ, Kreuzer FJ. Early detection of shock in critically ill patients by skeletal muscle PO2 assessment. Arch Surg 1989 Jul;124(7):853-5
Beeson WL, Mills PK, Phillips RL, Andress M, Fraser GE. Chronic disease among Seventh-day Adventists, a low-risk group. Rationale, methodology, and description of the population. Cancer 1989 Aug 1;64(3):570-81
Beeson WL see Mills PK
Began T see Mayerhofer A
Begelman J see Logemann JA
Beger GH see Safi F
Beggs CW see Helling TS
Beglinger C, Dill S, Meyer B, Werth B, Adler G. Treatment of biliary colic with loxiglumide [letter] Lancet 1989 Jul 15;2(8655):167
Beglinger C see Meyer BM
Behm FG see Pui CH
Behrman HR see Pepperell JR
Behrman RE, Meyers BR, Mendelson MH, Sacks HS, Hirschman SZ. Central nervous system infections in the elderly. Arch Intern Med 1989 Jul;149(7):1596-9
Beinborn W see Vallbracht C
Beinlich B see Backonja M
Beitins IZ see Landefeld TD
Bejean-Lebuisson A see Montalescot G
Bekheit S see el-Sherif N
Bekheit SS see el-Sherif N
Belardinelli L, Linden J, Berne RM. The cardiac effects of adenosine. Prog Cardiovasc Dis 1989 Jul-Aug;32(1):73-97 (249 ref.)
Belardinelli L see Wesley RC Jr
Belenkie I, Dani R, Smith ER, Tyberg JV. Effects of volume loading during experimental acute pulmonary embolism. Circulation 1989 Jul;80(1):178-88
Belfield PW see Penn ND
Belghiti D see Chopin DK
Bélisle S see Lehoux JG
Bell DA see Cairns E
Bell DA see Cramer DW
Bell HS. Timing of surgery for ruptured aneurysms: statistical issues [letter] J Neurosurg 1989 Aug;71(2):305-6
Bell IR see Aranow AB
Bell MD, Goodchild CS. Hypertrophic obstructive cardiomyopathy in combination with a prolapsing mitral valve. Anaesthesia for surgical correction with propofol. Anaesthesia 1989 May;44(5):409-11
Bell MJ see Stanley D
Bell MR, Holmes DR Jr, Vlietstra RE, Bresnahan DR. Percutaneous transluminal angioplasty of left internal mammary artery grafts: two years' experience with a femoral approach. Br Heart J 1989 May;61(5):417-20
Bell MS see Utley JR
Bell SF see Pearl W
Bell TA, Ebenezer MR. Chlamydia trachomatis and Neisseria gonorrhoeae in asymptomatic family planning patients in rural New Mexico. West J Med 1989 May;150(5):543-4
Bellabarba D see Lehoux JG
Bellamy PE see Flick GR
Bellas DN see Katz DI
Beller EM see Laurent R
Belli L, Romani F, Riolo F, Rondinara G, Aseni P, Di Stefano M, Contorni L, Bini M. Thrombosis of portal vein in absence of hepatic disease. Surg Gynecol Obstet 1989 Jul; 169(1):46-9
Bellinger MF, Abromowitz H, Brantley S, Marshall G. Orchiopexy: an experimental study of the effect of surgical technique on testicular histology. J Urol 1989 Aug;142(2 Pt 2):553-5; discussion 572
Bellinger MF see Ward RM
Bellmann O see Bartsch C
Bellon EM see Yagan R
Bellotti G see Tranchesi B Jr
Belugou JL see Souêtre E
Bemis C, Fehr R. The psychiatric chief residency [letter] Am J Psychiatry 1989 Jul;146(7):943-4
Ben-Baruch G see Schiff E
Ben-David B see Leighton BL
Ben-Jonathan N see Hyde JF
Ben-Sasson SA see Morecki S
Ben Zeev I see Barzilay E
Benach JL see Coleman JL
Benard F see Aboseif SR
Benckhuijsen C see Klaase JM
Bender JC see Wilson ME
Benditt DG, Mianulli M, Fetter J, Milstein S, Buetikofer J, Molina E, Wibel F, Markowitz T. An office-based exercise protocol for predicting chronotropic response of activity-triggered, rate-variable pacemakers. Am J Cardiol 1989 Jul 1;64(1):27-32
Benedetto P see Sridhar KS
Benezech M, De Witte J, Etcheparre JJ, Bourgeois M. A lycanthropic murderer [letter] Am J Psychiatry 1989 Jul; 146(7):942
Benfield L see Edington JD
Bengtson A see Bengtson JP
Bengtson JP, Bengtson A, Sonander H, Stenqvist O. Humidity of the Bain and circle systems reassessed. Anesth Analg 1989 Jul;69(1):949-52
Bengtsson A see Bondeson L
Benhamou E see Zeimer RC
Benhorin J see Tzivoni D
Benigni A, Gregorini G, Frusca T, Chiabrando C, Ballerini S, Valcamonico A, Orisio S, Piccinelli A, Pinciroli V, Fanelli R, et al. Effect of low-dose aspirin on fetal and maternal generation of thromboxane by platelets in women at risk for pregnancy-induced hypertension. N Engl J Med 1989 Aug 10;321(6):357-62
Benjamin IS see Hadjis NS
Benjamin SB see Kalloo AN
Benker G see Rünzi MW
Bennett C see Shuldiner AR
Bennett JM, Catovsky D, Daniel MT, Flandrin G, Galton DA, Gralnick HR, Sultan C. Proposals for the classification of chronic (mature) B and T lymphoid leukaemias. French-American-British (FAB) Cooperative Group. J Clin Pathol 1989 Jun;42(6):567-84
Bennett PR. Speech dysfluency [letter] Lancet 1989 Jul 1; 2(8653):49
Bennett SJ, Parsons JH, Bolton VN. Two-embryo transfer [letter] Lancet 1989 Jul 22;2(8656):215
Bennett WM see Swan SK
Benowitz NL, Jacob P 3d, Yu L. Daily use of smokeless tobacco: systemic effects. Ann Intern Med 1989 Jul 15; 111(2):112-6
Bensimon C, Wakasugi N, Tagaya Y, Takakura K, Yodoi J, Tursz T, Wakasugi H. Two distinct affinity binding sites for IL-1 on human cell lines. J Immunol 1989 Aug 15; 143(4):1168-74
Benson AB see Demmler GJ
Benson DW, Hasselgren PO, Hiyama DT, James JH, Li S, Rigel DF, Fischer JE. Effect of sepsis on calcium uptake and content in skeletal muscle and regulation in vitro by calcium of total and myofibrillar protein breakdown in control and septic muscle: results from a preliminary study. Surgery 1989 Jul;106(1):87-93
Benson DW Jr see Wessel HU
Benson JA Jr. Professional integrity [letter] West J Med 1989 May;150(5):589
Bentivegna PE. The Vitacuff and intravascular catheter-related infection [letter] JAMA 1989 Aug 4; 262(5):613-4
Benton EC see Barr BB
Benveniste J see Miadonna A
Benz EJ Jr see Gilmore-Hebert M
Benzel EC, Gross CD, Hadden TA, Kesterson L, Landreneau MD. The apnea test for the determination of brain death. J Neurosurg 1989 Aug;71(2):191-4
Berberoglu LS see Smith WL
Berbinschi A, Ketelslegers JM. Endothelin in urine [letter] Lancet 1989 Jul 1;2(8653):46
Berd D see Yoss EB
Berdanier CD see Bue JM
Berek J see Nio Y
Berendes HW see Klebanoff MA
Berenguer J, Moreno S, Cercenado E, Bernaldo de Quirós JC, García de la Fuente A, Bouza E. Visceral leishmaniasis in patients infected with human immunodeficiency virus (HIV). Ann Intern Med 1989 Jul 15;111(2):129-32
Beresford TP see Brower KJ
Beretta L see Di Lelio A
Berg CJ, Druschel CM, McCarthy BJ, LaVoie M, Floyd RL. Neonatal mortality in normal birth weight babies: does the level of hospital care make a difference? Am J Obstet Gynecol 1989 Jul;161(1):86-91
Berg PA see Klein R
Berg R Jr see DeWood MA
Berg RD see Deitch EA
Berg WJ see Ferguson DW
Bergelson BA, Ruocco NA Jr, Ryan TJ, Hankin BR, Jacobs AK, Faxon DP. Antecedent angina: a predictor of residual stenosis after thrombolytic therapy. J Am Coll Cardiol 1989 Jul;14(1):91-5
Bergentz SE, Bergqvist D, Weibull H. Changing concepts in renovascular surgery. Br J Surg 1989 May;76(5):429-30 (13 ref.)
Berger AR, Boniuk I. Bilateral subretinal neovascularization after focal argon laser photocoagulation for diabetic macular edema. Am J Ophthalmol 1989 Jul 15;108(1):88-90
Berger CN, Epstein CJ. Delayed thymocyte maturation in the trisomy 16 mouse fetus. J Immunol 1989 Jul 15; 143(2):389-96
Berger ES, Hendee WR. The expression of health risk information. Arch Intern Med 1989 Jul;149(7):1507-8
Berger LR, Kitzes J. Injuries to children in a Native American community. Pediatrics 1989 Jul;84(1):152-6
Berger PA see Stahl SM
Berger R, Adams L. Nutritional support in the critical care setting (Part 1). Chest 1989 Jul;96(1):139-50 (223 ref.)
Berger RG. Inflammatory arthritis of the subtalar joint. Am J Med 1989 Jul;87(1):117-8
Bergey PD see Leventhal LJ
Bergin DJ see Wulc AE
Bergin M see Quigley C
Bergkvist L, Adami HO, Persson I, Hoover R, Schairer C. The risk of breast cancer after estrogen and estrogen-progestin replacement [see comment] N Engl J Med 1989 Aug 3;321(5):293-7. **Comment on:** N Engl J Med 1989 Aug 3;321(5):319-20
Bergman A, Koonings PP, Ballard CA. Primary stress urinary incontinence and pelvic relaxation: prospective randomized comparison of three different operations. Am J Obstet Gynecol 1989 Jul;161(1):97-101
Bergman A see Rosenblatt M
Bergman T see Rendell M
Bergqvist D see Bergentz SE
Bergstresser PR see Cruz PD Jr
Bergström R see Holmberg L
Bergstrom SK see Wilson ME
Berkelhamer JE. General pediatric clinic practice management: results of a survey of academic departments. Pediatrics 1989 Jul;84(1):98-102
Berkenbosch F, De Goeij DC, Tilders FJ. Hypoglycemia enhances turnover of corticotropin-releasing factor and of vasopressin in the zona externa of the rat median eminence. Endocrinology 1989 Jul;125(1):28-34
Berkmen YM see Co MA
Berkowitz GS, Fiarman GS, Mojica MA, Bauman J, de Regt RH. Effect of physician characteristics on the cesarean birth rate. Am J Obstet Gynecol 1989 Jul;161(1):146-9
Berkowitz ID see Schleien CL
Berkowitz N see Loewenstein DA
Berkowitz R, Ozturk M, Goldstein D, Bernstein M, Hill L, Wands JR. Human chorionic gonadotropin and free subunits' serum levels in patients with partial and complete hydatidiform moles. Obstet Gynecol 1989 Aug;74(2):212-6
Berkowitz RS see Rice LW
Berlin RG. MK-329 has no direct effect on the pancreas [letter] Gastroenterology 1989 Aug;97(2):553-4
Berliner KI see Levine BA
Berliner N see Gilmore-Hebert M
Berlot G see Barzilay E
Berman DS, Kiat H, Maddahi J, Shah PK. Radionuclide imaging of myocardial perfusion and viability in assessment of acute myocardial infarction. Am J Cardiol 1989 Jul 18; 64(4):9B-16B
Berman DS see Rodrigues EA
Berman DS see Weiss AT
Berman GO see Douglas PS
Berman L see Targoff IN
Bermúdez FJ, Ruiz C, Carreras B, Aneiros J. Association of keratoconus and false chordae tendineae in the left ventricle. Am J Ophthalmol 1989 Jul 15;108(1):93-4
Berná JD, Guirao J, Garcia V. A coaxial technique for performing galactography. AJR Am J Roentgenol 1989 Aug;153(2):273-4
Bernaldo de Quirós JC see Berenguer J
Bernard A, Horejsi V. Human leukocyte differentiation antigens [letter] J Immunol 1989 Aug 1;143(3):1073
Bernard A see Huet S
Bernard GR see Wright PE
Bernard HR see Hannan EL
Bernard JP see Giorgi D
Bernard KW see Moran JS
Bernardino ME see Nelson RC
Bernascani M see Floris C
Berne C see Pollare T
Berne RM see Belardinelli L
Berne TV, Donovan AJ. Nonoperative treatment of perforated duodenal ulcer. Arch Surg 1989 Jul;124(7):830-2
Bernhard J see Hürny C
Bernhisel-Broadbent J see Sampson HA
Berns DH, Blaser SI, Modic MT. Magnetic resonance imaging of the spine. Clin Orthop 1989 Jul;(244):78-100 (80 ref.)
Bernshaw NJ see Molguin MH
Bernstein L see Pike MC
Bernstein LH. Old insight into a new insight into an old test [letter] Gastroenterology 1989 Aug;97(2):552-3
Bernstein LJ, Bye MR, Rubinstein A. Prognostic factors and life expectancy in children with acquired immunodeficiency syndrome and Pneumocystis carinii pneumonia. Am J Dis Child 1989 Jul;143(7):775-8
Bernstein LP see Bailes JE
Bernstein M see Berkowitz R
Bernstein MR see Rice LW
Bernstein-Singer M see Gill PS
Berquist TH. Magnetic resonance imaging of musculoskeletal neoplasms. Clin Orthop 1989 Jul;(244):101-18 (49 ref.)
Berquist WE see Hassall E
Berrios GE see Dening TR
Berrios X see Kaplan EL
Berris B see Yap I
Berris CE see Clark RP
Berry D see Collins C
Berry DA see Holtzman JL
Berry DH see Becton DL
Berry MW, Danish SJ, Rinke WJ, Smiciklas-Wright H. Work-site health promotion: the effects of a goal-setting program on nutrition-related behaviors. J Am Diet Assoc 1989 Jul;89(7):914-20, 923
Berry SA see Tsai MY
Bersin RM, Chatterjee K, Arieff AI. Metabolic and hemodynamic consequences of sodium bicarbonate administration in patients with heart disease. Am J Med 1989 Jul;87(1):7-14
Bersten AD, Rutten AJ, Vedig AE, Skowronski GA. Additional work of breathing imposed by endotracheal tubes, breathing circuits, and intensive care ventilators.

Crit Care Med 1989 Jul;17(7):671–7
Bertha BG, Folts JD, Nugent M, Rusy BF. Halothane, but not isoflurane or enflurane, protects against spontaneous and epinephrine-exacerbated acute thrombus formation in stenosed dog coronary arteries. Anesthesiology 1989 Jul; 71(1):96–102
Bertilsson L see **Dahl-Puustinen ML**
Bertin VJ, Plecha FR, Rogers GJ, MacPherson K, Lund J. Recurrent stenosis by duplex scan following carotid endarterectomy. Arch Surg 1989 Jul;124(7):866–9
Bertini G, Margheri M, Giglioli C, Cricelli F, De Simone L, Taddei T, Marchionni N, Zini G, Gensini GF. Prognostic significance of early clinical manifestations in postanoxic coma: a retrospective study of 58 patients resuscitated after prehospital cardiac arrest. Crit Care Med 1989 Jul; 17(7):627–33
Bertoli LF see **Bailey FA**
Bertoni M see **D'Addato M**
Berzofsky JA see **Brett SJ**
Beschorner WE see **Fischer AC**
Besinger RE, Johnson TR. Doppler recording of fetal movement: clinical correlation with real-time ultrasound. Obstet Gynecol 1989 Aug;74(2):277–80
Besinger RE see **Thomas RL**
Besser GM see **Thakker RV**
Bessim S see **Heller DS**
Beste D see **Wald ER**
Betterle C, Magrin L, Presotto F, Zanchetta R, Fenzi G, Chiovato L, Tonini G. Insulin autoantibodies as markers of potential diabetes mellitus [letter] Lancet 1989 Jul 22; 2(8656):223–4
Betts CR see **Martin KJ**
Betts EK see **Nicolson SC**
Beute GH see **Eurman DW**
Beutler E see **Saven A**
Bevan DR see **Smith CE**
Beyaert C see **Debongnie JC**
Beyeler C see **Schlapbach P**
Beyersdorf F, Allen BS, Buckberg GD, Acar C, Okamoto F, Sjöstrand F, Young HH, Bugyi HI. Studies on prolonged acute regional ischemia. I. Evidence for preserved cellular viability after 6 hours of coronary occlusion. J Thorac Cardiovasc Surg 1989 Jul;98(1):112–26
Beyreuther K see **Nochlin D**
Beyth RJ, Alguire PC. Pancreatic carcinoma. An unusual presentation—inferior vena cava thrombosis. Postgrad Med 1989 Jul;86(1):229–32
Bezzi M see **Schiebler ML**
Bhakdi S see **Seeger W**
Bhan MK see **Bhandari N**
Bhandari AK, Hong R, Kotlewski A, McIntosh N, Au P, Sankoorikal A, Rahimtoola SH. Prognostic significance of programmed ventricular stimulation in survivors of acute myocardial infarction. Br Heart J 1989 May;61(5):410–6
Bhandari N, Bhan MK, Sazawal S, Clemens JD, Bhatnagar S, Khoshoo V. Association of antecedent malnutrition with persistent diarrhoea: a case-control study. BMJ 1989 May 13;298(6683):1284–7
Bhargava BN see **Narayanan R**
Bhargava V see **Holt BD**
Bhasin D, Yachha S, Ayyagiri A, Singh V, Kochhar R, Malik A, Mehta S. How specific is the rapid urease test for diagnosing Campylobacter pylori? [letter] J Clin Pathol 1989 Jun;42(6):671
Bhat AM see **Jacobstein MD**
Bhatia NN see **Karram MM**
Bhatia SJ see **Bittl JA**
Bhatnagar S see **Bhandari N**
Bhatt B see **Herrington CS**
Bhatta KM, Rosen D, Watson GM, Dretler SP. Acoustic and plasma guided lasertripsy (APGL) of urinary calculi. J Urol 1989 Aug;142(2):433–7
Bianchi P see **Ranzi T**
Bias WB see **Ahearn JM Jr**
Bickel A see **Mizrahi S**
Biddison WE see **Mattson DH**
Biddison WE see **Shimojo N**
Biem J, Roy L, Halik J, Hoffstein V. Infectious mononucleosis complicated by necrotizing epiglottitis, dysphagia, and pneumonia. Chest 1989 Jul;96(1):204–5
Bien E see **Eldridge R**
Bier DM see **Young VR**
Bierman FZ see **Starc TJ**
Biesecker G, Wagner JL, Hugli TE. The release of C5a in complement-activated serum does not require C6. J Immunol 1989 Aug 15;143(4):1228–32
Bigger JT Jr see **Ong L**
Bigliani LU see **Flatow EL**
Bignardi GE. Clindamycin versus metronidazole in the treatment of bacterial vaginosis [letter] Obstet Gynecol 1989 Aug;74(2):281–2
Bihrle W 3d see **Beckmann CF**
Bijleveld CM, Vonk RJ, Kuipers F, Havinga R, Boverhof R, Koopman BJ, Wolthers BG, Fernandes J. Benign recurrent intrahepatic cholestasis: altered bile acid metabolism. Gastroenterology 1989 Aug;97(2):427–32
Bilbao JM see **Kondziolka D**
Billheimer JT see **Steinschneider A**
Billman GE, Hoskins RS. Time-series analysis of heart rate variability during submaximal exercise. Evidence for reduced cardiac vagal tone in animals susceptible to ventricular fibrillation. Circulation 1989 Jul;80(1):146–57
Binder S. Deaths, injuries, and evacuations from acute hazardous materials releases. Am J Public Health 1989 Aug; 79(8):1042–4
Binder S see **Kerjaschki D**
Binder WJ. Submalar augmentation. An alternative to face-lift surgery. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):797–801
Bindoff LA, Birch-Machin M, Cartlidge NE, Parker WD Jr, Turnbull DM. Mitochondrial function in Parkinson's disease [letter] Lancet 1989 Jul 1;2(8653):49
Bini M see **Belli L**
Binkley PF see **Starling RC**
Binns HJ see **Griffin TC**
Biondi A, Allavena P, Rossi V, Bassan R, Barbui T, Champagne E, Mak TW, Minden MD, Rambaldi A, Mantovani A. T cell receptor delta gene organization and expression in normal and leukemic natural killer cells. J Immunol 1989 Aug 1;143(3):1009–14
Birch-Machin M see **Bindoff LA**
Bird CR see **Dickman CA**
Bird H. Overuse injuries in musicians. BMJ 1989 Apr 29; 298(6681):1129–30 (21 ref.)
Bird H see **Pullar T**
Bird TD see **Nochlin D**
Birnbaum PS. Use of consultations [letter] Acad Med 1989 Jul;64(7):390
Birnbaumer L see **Brown AM**
Bishop MJ. Mechanisms of laryngotracheal injury following prolonged tracheal intubation. Chest 1989 Jul;96(1):185–6 (19 ref.)
Bismuth H, Castaing D, Garden OJ. Major hepatic resection under total vascular exclusion. Ann Surg 1989 Jul; 210(1):13–9
Bismuth H see **Castaing D**
Bisset C, Jones G, Davidson J, Cummins B, Burns S, Inglis JM, Brettle RP. Mobility of injection drug users and transmission of HIV [letter] Lancet 1989 Jul 1;2(8653):44
Bisson L see **Kelen GD**
Bissonnette E see **Dubois C**
Bissonnette JM see **Chao CR**
Bistrian BR see **Teo TC**
Bitran JD see **Vokes EE**
Bittl JA, Bhatia SJ, Plappert T, Ganz P, St John Sutton MG, Selwyn AP. Peak left ventricular pressure during percutaneous aortic balloon valvuloplasty: clinical and echocardiographic correlations. J Am Coll Cardiol 1989 Jul;14(1):135–42
Bittner R see **Safi F**
Bivins BA see **Delius RE**
Bivins BA see **Sims DW**
Bjerknes R, Vindenes H, Pitkänen J, Ninnemann J, Laerum OD, Abyholm F. Altered polymorphonuclear neutrophilic granulocyte functions in patients with large burns. J Trauma 1989 Jun;29(6):847–55
Björck L see **Stone GC**
Bjørnland T see **Larheim TA**
Blaauw AA, van der Linden S, Kuiper H. Lyme carditis in The Netherlands [letter] Ann Intern Med 1989 Aug 1; 111(3):261–2
Black AE see **Nelson M**
Black B see **Loewenstein DA**
Black D see **Organ BC**
Black KL, Ikezaki K, Toga AW. Imaging of brain tumors using peripheral benzodiazepine receptor ligands. J Neurosurg 1989 Jul;71(1):113–8
Black PM see **Panagopoulos KP**
Blackburn GL see **Teo TC**
Blackie RA see **Keogh BE**
Blacklock JB, Weber RS, Lee YY, Goepfert H. Transcranial resection of tumors of the paranasal sinuses and nasal cavity. J Neurosurg 1989 Jul;71(1):10–5
Blackman K see **Blair A**
Blackwell J see **Jennings WC**
Blair A, Haas T, Prosser R, Morrissette M, Blackman K, Grauman D, van Dusen P, Moran F. Mortality among United States Coast Guard marine inspectors. Arch Environ Health 1989 May-Jun;44(3):150–6
Blair J see **Altmann P**
Blair SN see **Cooper KH**
Blaisdell FW see **Hartling RP**
Blake AJ, Guthrie HA, Smiciklas-Wright H. Accuracy of food portion estimation by overweight and normal-weight subjects. J Am Diet Assoc 1989 Jul;89(7):962–4
Blake PA see **Spika JS**
Blakemore K see **Sanders RC**
Blakeslee DB see **Beck RA**
Blamire A see **Stehling MK**
Blanc PD, Rempel D, Maizlish N, Hiatt P, Olson KR. Occupational illness: case detection by poison control surveillance. Ann Intern Med 1989 Aug 1;111(3):238–44
Blancato LS see **Peng AT**
Blanchard D see **Paliard X**
Blanden RV see **Kohonen-Corish MR**
Blank EL, Karaus M, Glicklich M, Sarna SK, Werlin SL. Gastrointestinal myoelectric activity in an infant with congenital idiopathic motility disorder. Dig Dis Sci 1989 Jul;34(7):1124–31
Blankenship GW, Flynn HW Jr, Kokame GT. Posterior chamber intraocular lens insertion during pars plana lensectomy and vitrectomy for complications of proliferative diabetic retinopathy. Am J Ophthalmol 1989 Jul 15;108(1):1–5
Blankstein J see **Schiff E**
Blaquiere RM see **McHugh K**
Blaser SI see **Berns DH**
Blasier RD. Intra-articular flap fracture of the olecranon in a child. A case report. J Bone Joint Surg [Am] 1989 Jul; 71(6):945–7
Blazer DG see **Fredman L**
Bleecker ML see **Koeppl PM**
Bleehen NM. Hyperthermia in the management of lung cancer. The current situation. Chest 1989 Jul;96(1 Suppl):69S–71S (29 ref.)
Blekkenhorst G see **Sealy R**
Blenkharn I see **Hadjis NS**
Blennow M, Granström M. Adverse reactions and serologic response to a booster dose of acellular pertussis vaccine in children immunized with acellular or whole-cell vaccine as infants. Pediatrics 1989 Jul;84(1):62–7
Blessing K see **Barr BB**
Bley JA see **Wiswell TE**
Blight A see **Diamond DA**
Blinder L see **Krieger B**
Blinder R see **Baker ME**
Bliss M see **Nolan PE Jr**
Bloch AB see **Rieder HL**
Block BS. Understanding and eliminating errors in perinatal research. Am J Obstet Gynecol 1989 Jul;161(1):5–9
Block FE, Renner JB, Craig JW. Scheduling algorithm for electives [letter] Acad Med 1989 Jul;64(7):391
Block MA. They call it competition. Presidential address. Arch Surg 1989 Jul;124(7):771–7
Blocker DE, Ausman LM, Meadows CA, Thenen SW. Experimental maternal and neonatal folate status relationships in nonhuman primates. Am J Clin Nutr 1989 Jul;50(1):120–8
Blodi CF see **Russell SR**
Blohm M see **Herlitz J**
Blohmé I see **Jivegård L**
Blokziji ML, Koskiniemi M. Echovirus 6 encephalitis in a preterm baby [letter] Lancet 1989 Jul 15;2(8655):164–5
Blomquist S, Thörne J, Elmér O. Different effects of bleeding and soft-tissue trauma on pulmonary platelet trapping in pigs. J Trauma 1989 Jun;29(6):866–72
Bloom JD see **Kofoed L**
Bloom LS, Libertino JA. Surgical management of Cushing's syndrome. Urol Clin North Am 1989 Aug;16(3):547–65 (40 ref.)
Bloom R see **Johnson MA**
Bloom SR see **Bauer FE**
Bloom SR see **Jones PM**
Blot WJ see **Brinton LA**
Blow FC see **Brower KJ**
Blumberg JB see **Seitz HK**
Blumenfeld Z see **Bronshtein M**
Blumgart LH see **Hadjis NS**
Board P see **Tait B**
Boat TF see **Cheng PW**
Bochlogyros PN. Origin of HA-fibrin glue mixture for ridge augmentation [letter] J Oral Maxillofac Surg 1989 Aug; 47(8):891
Bock HG see **Fine JD**
Boden WE, Kleiger RE, Gibson RS, Reddy BR, Schechtman KB, Schwartz DJ, Capone RJ, Roberts R. Favourable long term prognosis in patients with non-Q wave acute myocardial infarction not associated with specific electrocardiographic changes. Diltiazem Reinfarction Study Research Group. Br Heart J 1989 May;61(5):396–402
Bodenham AR see **Park GR**
Bodenheimer TS. Health insurance mess [letter] Postgrad Med 1989 Jul;86(1):33
Bodey GP. Should pharmacists evaluate the practices of physicians? [letter] JAMA 1989 Jul 14;262(2):205–6
Bodey GP see **Chu DZ**
Bodey GP see **Khardori N**
Bodmer S see **Kuppner MC**
Boe RW see **Erramouspe J**
Boechat IM see **Stanley P**
Boeder S. Rural health care: challenges for the 1990s. Hospitals 1989 Jul 5;63(13):FB66, FB68
Boegner E see **Kesler KA**
Boelaert JR, Fenves AZ, Coburn JW. Mucormycosis among patients on dialysis [letter] N Engl J Med 1989 Jul 20; 321(3):190–1
Boemi M see **Mocchegiani E**
Boerbooms AM see **Jeurissen ME**
Boerbooms AM see **van den Hoogen FH**
Boerner T see **Bartkowski RR**
Boesch C, Gruetter R, Martin E, Duc G, Wüthrich K. Variations in the in vivo P-31 MR spectra of the developing human brain during postnatal life. Work in progress. Radiology 1989 Jul;172(1):197–9
Boesch C see **Castaigne AD**
Boesche J see **Seitz HK**
Bogdanoff B, Natter HM. Incidence of cavum septum pellucidum in adults: a sign of boxer's encephalopathy. Neurology 1989 Jul;39(7):991–2
Bogren HG, Mohiaddin RH, Klipstein RK, Firmin DN, Underwood RS, Rees SR, Longmore DB. The function of the aorta in ischemic heart disease: a magnetic resonance and angiographic study of aortic compliance and blood flow patterns. Am Heart J 1989 Aug;118(2):234–47
Bogue CW, Wise JD, Gray GF, Edwards KM. Antibiotic therapy for cat-scratch disease? JAMA 1989 Aug 11;

262(6):813–6
Bogue RJ see **Friedman B**
Bogusz M see **Seitz HK**
Bohannon RW. Objective measures. Phys Ther 1989 Jul; 69(7):590–3
Böhlen R see **Moxley RT 3d**
Bohn DJ see **Dykes EH**
Boico O see **Saada M**
Boire G, Craft J. Biochemical and immunological heterogeneity of the Ro ribonucleoprotein particles. Analysis with sera specific for the RohY5 particle. J Clin Invest 1989 Jul;84(1):270–9
Boivrette M see **Ng KH**
Bokhout M. Prevention in the era of high-tech medicine [letter] Can Med Assoc J 1989 Jul 15;141(2):96–7
Bolger A see **Czer LS**
Boling JA see **Estienne MJ**
Bolla-Wilson K see **Koeppl PM**
Bollini P see **Muscettola G**
Bolton DT. Contamination reduction during central venous catheterization [letter] Crit Care Med 1989 Jul;17(7):713
Bolton VN see **Bennett SJ**
Bonadonna RC see **Groop LC**
Bonavida B see **Katz JD**
Bonavida B see **Nio Y**
Bond WS, Mandos LA, Kurtz MB. Midazolam for aggressivity and violence in three mentally retarded patients. Am J Psychiatry 1989 Jul;146(7):925–6
Bondàr I see **Barker JH**
Bonde GJ see **Kjaergaard SK**
Bondeson AG see **Bondeson L**
Bondeson L, Bengtsson A, Bondeson AG, Dahlenfors R, Grimelius L, Wedell B, Mark J. Chromosome studies in thyroid neoplasia. Cancer 1989 Aug 1;64(3):680–5
Bone R see **Freimark B**
Bone RC, Slotman G, Maunder R, Silverman H, Hyers TM, Kerstein MD, Ursprung JJ. Randomized double-blind, multicenter study of prostaglandin E1 in patients with the adult respiratory distress syndrome. Prostaglandin E1 Study Group. Chest 1989 Jul;96(1):114–9
Bonetti MM see **Crippen DW**
Bonfitto P see **Corbo GM**
Bongiovanni MB see **Krieg AF**
Boniaszczuk J see **Sealy R**
Boniface B see **Brunetaud JM**
Bonifacino G see **Savarino V**
Bonilla E see **Morales LM**
Bonithon-Kopp C, Scarabin PY, Taquet A, Touboul PJ, Damé B, Guize L. Increased risk of atherosclerosis in women after the menopause [letter] BMJ 1989 May 13;298(6683):1311
Boniuk I see **Berger AR**
Bonnaud F see **Archambeaud-Mouveroux F**
Bonnefoy JY, Denoroy MC, Guillot O, Martens CL, Banchereau J. Activation of normal human B cells through their antigen receptor induces membrane expression of IL-1 alpha and secretion of IL-1 beta. J Immunol 1989 Aug 1;143(3):864–9
Bonner RF see **Rendell M**
Bonnet F see **Sanda M**
Bonneu JJ see **Artru AA**
Bonnie R see **Appelbaum PS**
Bonow RO see **Epstein SE**
Bons J see **Safar M**
Bonser RS see **Luke RA**
Bontempo FA see **Porte RJ**
Bonthuis F see **Rutgers M**
Bonvini E, DeBell KE, Kolber MA, Hoffman T, Hodes RJ, Taplits MS. Hydrolysis of inositol phospholipids induced by stimulation of the T cell antigen receptor complex in antigen-specific, murine helper T cell clones. Requirement for exogenous calcium. J Immunol 1989 Jul 15; 143(2):587–95
Bonzel T see **Hasenfuss G**
Boon ME, Susanti I, Tasche MJ, Kok LP. Human papillomavirus (HPV)-associated male and female genital carcinomas in a Hindu population. The male as vector and victim. Cancer 1989 Jul 15;64(2):559–65
Boone LB see **Geller RB**
Booth FA, Haworth JC, Dilling LA, Perry TL, Greenberg CR, Seargeant LE, Penn AM, Rhead WJ. Mitochondrial encephalomyopathy with associated aminoacidopathy in a male sibship. J Pediatr 1989 Jul;115(1):81–8
Booth RE Jr see **Foley M**
Boras VF see **Duggan MA**
Borden EC see **Shiraki M**
Bordin G see **Freimark B**
Borel E see **Bassand JP**
Borgna-Pignatti C see **Zurlo MG**
Borgos J see **Rendell M**
Borkowski WJ Jr see **Dworzack DL**
Borland LM see **Kang Y**
Børlum KG, Maigaard S. Transvaginal oocyte aspiration and pelvic infection [letter] Lancet 1989 Jul 1;2(8653):53
Børlum KG, Thomsen A, Clausen I, Eriksen G. Long-term prognosis of pregnancies in women with intrauterine hematomas. Obstet Gynecol 1989 Aug;74(2):231–3
Born J see **Hans P**
Borofsky MA see **Leventhal LJ**
Borrero E, Aylward CA, Logan WD. Aortoesophageal fistula: early postoperative complication at the distal anastomosis of an aortic graft. South Med J 1989 Jul;82(7):927–30
Borrie MJ see **Campbell AJ**
Bortnick E. Nasion graft in rhinoplasty [letter] Plast Reconstr Surg 1989 Aug;84(2):366
Bortolotti U see **Milano AD**
Bosch RJ see **Aboseif SR**
Bose CL see **Kraybill EN**
Bosly A see **Marchandise B**
Bosma MJ see **Carroll AM**
Bosnes V, Hirschberg H. Immunomagnetic separation of infiltrating T lymphocytes from brain tumors. J Neurosurg 1989 Aug;71(2):218–23
Bosomworth PP see **Romond EH**
Bost KL see **Clarke BL**
Boström M, Nie Z, Goertz G, Henriksson J, Wallberg-Henriksson H. Indirect effect of catecholamines on development of insulin resistance in skeletal muscle from diabetic rats. Diabetes 1989 Jul;38(7):906–10
Bot H see **van Vlies B**
Botros S see **DelRossi AJ**
Bottles K see **Cohen MB**
Bottomley D see **Retsas S**
Bouanani M, Piechaczyk M, Pau B, Bastide M. Significance of the recognition of certain antigenic regions on the human thyroglobulin molecule by natural autoantibodies from healthy subjects. J Immunol 1989 Aug 15;143(4):1129–32
Bouchard A see **Byrd BF 3d**
Boucher CA see **Aroney CN**
Boucher RC see **Cheng PW**
Boucher TM see **Reis GJ**
Boudes P. Acquired chronic granulomatous disease and Wegener's granulomatosis [letter] Br J Rheumatol 1989 Aug;28(4):361–2
Boué A see **Simon-Bouy B**
Boué J see **Simon-Bouy B**
Boughey AM see **Collinge J**
Boughner DR see **Whittaker P**
Boukhris R, Chamakhi S, Ayed K, Bardi R, Sheehan's syndrome and HLA-B5 [letter] JAMA 1989 Jul 21; 262(3):352
Bouloux P see **Thakker RV**
Bounameaux H. Low molecular weight heparins and prevention of postoperative thrombosis [letter] Br J Surg 1989 May;76(5):524
Bour JB see **Kass EJ**
Bourge RC see **Henzlova MJ**
Bourgeois M see **Benezech M**
Bourne WM see **Trocme SD**
Bouza E see **Berenguer J**
Bova JG. The current status of biliary lithotripsy: a survey of members of the Society of Gastrointestinal Radiologists. AJR Am J Roentgenol 1989 Aug;153(2):291–2
Bove KE. Nephroblastomatosis. An overview [editorial] Arch Pathol Lab Med 1989 Jul;113(7):723–4
Boverhof R see **Bijleveld CM**
Bowden RT see **Hissom JR**
Bowdler N see **Elkins TE**
Bowen JD, Larson EB. Understanding the dizzy patient. A challenge to primary care physicians. J Fam Pract 1989 Jul;29(1):30–2
Bower TC, Cherry KJ Jr, Pairolero PC. Unusual manifestations of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):745–54 (65 ref.)
Bowey CJ see **Fisher MM**
Bowie JD see **Distell BM**
Bowles CR see **Ginsburg R**
Bowling RJ see **Shaw DK**
Bowman LS see **Hanks GA**
Bowman M. The new sexual history: inquiring about sexual practices [editorial] Am Fam Physician 1989 Jul;40(1):82–3
Bowman V see **Young C**
Bowton DL see **Johnston WE**
Boyce WH see **Assimos DG**
Boyd AE 3d see **Rajan AS**
Boyd AW see **Deans JP**
Boyd CR, Corse KM, Campbell RC. Emergency interhospital transport of the major trauma patient: air versus ground. J Trauma 1989 Jun;29(6):789–93; discussion 793–4
Boyd JE see **Glasser DB**
Boyer JL see **Gleeson D**
Boylan PC see **Turner MI**
Boyle IT see **Gallacher SJ**
Boynton BR, Boynton CA. Retinopathy of prematurity and bilirubin [letter] N Engl J Med 1989 Jul 20;321(3):193–4
Boynton CA see **Boynton BR**
Boys RJ see **Robson SC**
Bozola AR, Gasques JA, Carriquiry CE, Cardoso de Oliveira M. The buccinator musculomucosal flap: anatomic study and clinical application. Plast Reconstr Surg 1989 Aug; 84(2):250–7
Bozzette S see **Larsen RA**
Brabin BJ see **Corkill JA**
Bracken MB see **Brinton LA**
Braden NJ see **Walson PD**
Brader A see **Rhodes M**
Bradic I see **Sarajlic M**
Bradley EL Jr see **Pearson JP**
Bradley WG Jr see **Watanabe AT**
Bradley-Watson PJ. Pregnancy after aortofemoral bypass grafting in a diabetic patient. Am J Obstet Gynecol 1989 Jul;161(1):200–1
Bradway JK, Amadio PC, Cooney WP. Open reduction and internal fixation of displaced, comminuted intra-articular fractures of the distal end of the radius. J Bone Joint Surg [Am] 1989 Jul;71(6):839–47
Brady K see **Fahey MR**
Brady MT. Nosocomial legionnaires disease in a children's hospital. J Pediatr 1989 Jul;115(1):46–50
Braff DL. Sensory input deficits and negative symptoms in schizophrenic patients. Am J Psychiatry 1989 Aug; 146(8):1006–11
Bragdon E see **Hinderliter AL**
Brahams D. Informed consent and 25% risk of paralysis. Lancet 1989 Jul 1;2(8653):57–8
Brahams D. Right to know in Japan. Lancet 1989 Jul 15; 2(8655):173
Brahic M see **Cash E**
Brahney CP see **Mustaciuolo VW**
Braillon G see **Perrin-Fayolle M**
Brakenhoff JP, Hart M, Aarden LA. Analysis of human IL-6 mutants expressed in Escherichia coli. Biologic activities are not affected by deletion of amino acids 1–28. J Immunol 1989 Aug 15;143(4):1175–82
Brakke DM see **Hick JF**
Brame K see **Hollands MJ**
Brandi ML see **Friedman E**
Brandt G see **Bullerdiek J**
Brandt KD see **Myers SL**
Brandt TD see **Grant T**
Bransby-Zachary MA, Sutherland GR. Unnecessary x ray examinations. BMJ 1989 May 13;298(6683):1294
Brantigen CO. Cricothyroidotomy [letter] Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):573–4
Brantley S see **Bellinger MF**
Brantly ML see **Hubbard RC**
Brasch RC see **Aoki S**
Brasile L, Kremer JM, Clarke JL, Cerilli J. Identification of an autoantibody to vascular endothelial cell-specific antigens in patients with systemic vasculitis. Am J Med 1989 Jul;87(1):74–80
Brauner MW, Grenier P, Mompoint D, Lenoir S, de Crémoux H. Pulmonary sarcoidosis: evaluation with high-resolution CT. Radiology 1989 Aug;172(2):467–71
Brauner MW, Grenier P, Mouelhi MM, Mompoint D, Lenoir S. Pulmonary histiocytosis X: evaluation with high-resolution CT. Radiology 1989 Jul;172(1):255–8
Brauner R see **Gudinchet F**
Braunlin EA see **Wessel HU**
Braunwald E see **Hands ME**
Braunwald E see **Tofler GH**
Braverman LE see **Köhrle J**
Braverman LE see **Roti E**
Braverman R see **Cooper HL**
Bravo AI see **Ballare C**
Bravo EL. Primary aldosteronism. Urol Clin North Am 1989 Aug;16(3):481–6 (15 ref.)
Bravo EL. Physiology of the adrenal cortex. Urol Clin North Am 1989 Aug;16(3):433–7 (17 ref.)
Bravo EL see **Rosenfeld JV**
Bray E see **Sibai BM**
Bray GA. Obesity: basic considerations and clinical approaches. Dis Mon 1989 Jul;35(7):449–537 (182 ref.)
Brazer SR, Tyor MP, Pancotto FS, Brice RS, Garbutt JT Jr, Wildermann NM, Harrell FE, Pryor DB, Liss CL, Root JK, et al. Randomized, double-blind comparison of famotidine with ranitidine in treatment of acute, benign gastric ulcer disease. Community-based study coupled with a patient registry. Dig Dis Sci 1989 Jul;34(7):1047–52
Brazier JE see **Milner PC**
Brazier JS, Smith SA. Evaluation of the Anoxomat: a new technique for anaerobic and microaerophilic clinical bacteriology. J Clin Pathol 1989 Jun;42(6):640–4
Brecha N see **Sternini C**
Bredfeldt RC see **Ginnetti RA**
Breedveld FC see **Markusse HM**
Breedveld FC see **Otten HG**
Breger RK, Williams AL, Daniels DL, Czervionke LF, Mark LP, Haughton VM, Papke RA, Coffer M. Contrast enhancement in spinal MR imaging. AJR Am J Roentgenol 1989 Aug;153(2):387–91
Breier A see **Wolkowitz OM**
Brem H see **Verrier ED**
Brembilla B see **Isaaz K**
Brennan M see **Soong HK**
Brennan MF. Management of extremity soft-tissue sarcoma. Am J Surg 1989 Jul;158(1):71–8 (66 ref.)
Brennan MF see **Jaques DP**
Brennan MF see **Ormsby MV**
Brenner H see **Herchergs AA**
Brenner M see **Suffredini AF**
Brereton RJ. Hernia and hydrocele in cryptorchidism [letter] Lancet 1989 Jul 15;2(8655):172
Breslin DJ see **Tsapatsaris NP**
Breslow JL see **Brinton EA**
Breslow N see **D'Angio GJ**
Bresnahan DR see **Bell MR**
Bresnihan B see **Soden M**
Bret MD see **Tardieu C**
Bretan PN Jr, Lorig R. Adrenal imaging. Computed tomographic scanning and magnetic resonance imaging. Urol Clin North Am 1989 Aug;16(3):505–13 (28 ref.)
Breton D see **Rudick RA**
Brett EM see **Glover MT**
Brett SJ, Cease KB, Ouyang CS, Berzofsky JA. Fine specificity of T cell recognition of the same peptide in association with different I-A molecules. J Immunol 1989

Aug 1;143(3):771–9
Brettle RP see **Bisset C**
Brew BJ see **Rosenblum M**
Brewer MM see **Howat PM**
Brewer TF see **Salive ME**
Brewster DC see **Durham JD**
Breza J see **Aboseif SR**
Brice RS see **Brazer SR**
Bridenbaugh LD see **Carpenter RL**
Bridge TP, Heseltine PN, Parker ES, Eaton E, Ingraham LJ, Gill M, Ruff M, Pert CB, Goodwin FK. Improvement in AIDS patients on peptide T [letter] Lancet 1989 Jul 22; 2(8656):226–7
Brien WW see **Patzakis MJ**
Briggs S. Rheumatology patients and hospital secretaries [letter] Br J Rheumatol 1989 Aug;28(4):365
Bright DA, Gaupp FB, Becker LJ, Schiffert MG, Ryken TC. Amoxicillin overdose with gross hematuria [letter] West J Med 1989 Jun;150(6):698–9
Bright RA, Morrison AS, Brisson J, Burstein NA, Sadowsky NL, Kopans DB, Meyer JE. Histologic and mammographic specificity of risk factors for benign breast disease. Cancer 1989 Aug 1;64(3):653–7
Bright RW see **Hanukoglu A**
Brill-Edwards P see **Ginsberg JS**
Brindley GW see **Nixon RG**
Bringaze WL 3d see **Mills NL**
Brink CA, Sampselle CM, Wells TJ, Diokno AC, Gillis GL. A digital test for pelvic muscle strength in older women with urinary incontinence. Nurs Res 1989 Jul–Aug; 38(4):196–9
Brink SJ see **Brown FM**
Brinson RR, Pitts VL, Taylor AE. Intestinal absorption of peptide enteral formulas in hypoproteinemic (volume expanded) rats: a paired analysis. Crit Care Med 1989 Jul; 17(7):657–60
Brinton EA, Eisenberg S, Breslow JL. Elevated high density lipoprotein cholesterol levels correlate with decreased apolipoprotein A–I and A–II fractional catabolic rate in women. J Clin Invest 1989 Jul;84(1):262–9
Brinton LA, Wu BZ, Wang W, Ershow AG, Song HZ, Li JY, Bracken MB, Blot WJ. Gestational trophoblastic disease: a case-control study from the People's Republic of China. Am J Obstet Gynecol 1989 Jul;161(1):121–7
Brisson J see **Bright RA**
Broad PM see **Thakker RV**
Broadbent KR see **Sampson HA**
Brock WA see **Scherz HC**
Brockschmidt JK see **Howard G**
Brodersen R see **Knudsen A**
Brodie JD see **Wolkin A**
Brodsky MA, Allen BJ, Luckett CR, Capparelli EV, Wolff LJ, Henry WL. Antiarrhythmic efficacy of solitary beta-adrenergic blockade for patients with sustained ventricular tachyarrhythmias. Am Heart J 1989 Aug; 118(2):272–80
Brody DT, Durum SK. Membrane IL–1: IL–1 alpha precursor binds to the plasma membrane via a lectin-like interaction. J Immunol 1989 Aug 15;143(4):1183–7
Brody PE see **Schweitzer WJ**
Bromage PR. The control of post-thoracotomy pain [letter] Anaesthesia 1989 May;44(5):445–6
Bromfield EB, Dambrosia J, Devinsky O, Nice FJ, Theodore WH. Phenytoin withdrawal and seizure frequency. Neurology 1989 Jul;39(7):905–9
Bromley JJ see **Defalque RJ**
Brondelli L see **Porcu E**
Bronshtein M, Rottem S, Yoffe N, Blumenfeld Z. First-trimester and early second-trimester diagnosis of nuchal cystic hygroma by transvaginal sonography: diverse prognosis of the septated from the nonseptated lesion. Am J Obstet Gynecol 1989 Jul;161(1):78–82
Bronson DL, Flynn BS, Solomon LJ, Vacek P, Secker-Walker RH. Smoking cessation counseling during periodic health examinations. Arch Intern Med 1989 Jul;149(7):1653–6
Bronson DM see **Schweitzer WJ**
Bronstein AC see **Riggs BS**
Bronstein BR see **Weinstock MA**
Brook CG see **Livesey EA**
Brook CG see **Massarano AA**
Brook I. Aerobic and anaerobic microbiology of Bartholin's abscess. Surg Gynecol Obstet 1989 Jul;169(1):32–4
Brook I see **Foote PA Jr**
Brooks BR see **Siddique T**
Brooks EG see **Wirt DP**
Brooks JJ see **Shiraki M**
Brooks PM see **Arnold MH**
Brooks ST see **Moriarty KJ**
Broome CV see **Harrison LH**
Brooten D see **Brown LP**
Brossard E see **Mosimann F**
Browder W see **Gray G**
Brower KJ, Blow FC, Eliopulos GA, Beresford TP. Anabolic androgenic steroids and suicide [letter] Am J Psychiatry 1989 Aug;146(8):1075
Brown AM, Birnbaumer L. Ion channels and G proteins. Hosp Pract [Off] 1989 Jul 15;24(7):189–93, 198, 202–4 (3 ref.)
Brown DL, Phillips DR, Damsky CH, Charo IF. Synthesis and expression of the fibroblast fibronectin receptor in human monocytes. J Clin Invest 1989 Jul;84(1):366–70
Brown DM see **Mauer SM**
Brown FM, Brink SJ, Freeman R, Rabinowe SL. Anti-sympathetic nervous system autoantibodies. Diminished catecholamines with orthostasis. Diabetes 1989 Jul;38(7):938–41
Brown GC. Central retinal vein obstruction with lipid exudate. Arch Ophthalmol 1989 Jul;107(7):1001–5
Brown GC see **Duker JS**
Brown GW. Praise for useful words [editorial] Am J Dis Child 1989 Jul;143(7):770
Brown H see **Rodrigues EA**
Brown HK see **Suslavich FJ**
Brown JJ, Sullivan G. Effect on ICU mortality of a full-time critical care specialist. Chest 1989 Jul;96(1):127–9
Brown KB see **Krusch DA**
Brown LG see **Sherman JC**
Brown LP, York R, Jacobsen B, Gennaro S, Brooten D. Very low birth-weight infants: parental visiting and telephoning during initial infant hospitalization. Nurs Res 1989 Jul–Aug; 38(4):233–6
Brown LS Jr, Felton CP. Drug abuse, HIV infection, and tuberculosis [letter] JAMA 1989 Aug 4;262(5):615–6
Brown M see **Gennarelli TA**
Brown MI see **Dowling PT**
Brown ML see **Esposito AL**
Brown MS. Does terbutaline cause uterine atony and increase intraoperative blood loss? [letter] Am J Obstet Gynecol 1989 Jul;161(1):259
Brown MT see **Pessin MS**
Brown R see **Pa¹ J**
Brown RH see **Martinez LA**
Brown RL. Pyomyositis in patients with diabetes. Computed tomography as a key to diagnosis. Postgrad Med 1989 Jul; 86(1):79–81, 84, 89
Brown RT see **Nee LE**
Brown S. Open versus endoscopic surgery in the treatment of vesicoureteral reflux. J Urol 1989 Aug;142(2 Pt 2):499–500; discussion 501
Brown S see **Apter A**
Brown S see **Didolkar MS**
Brown V see **Utley JR**
Browner WS see **Leung JM**
Brownhill DK see **McGrady EM**
Brownless SM, Gimlette TM. Comparison of techniques for thallium-201-technetium-99m parathyroid imaging. Br J Radiol 1989 Jun;62(738):532–5
Bruckner DA see **Donzis PB**
Brugada P see **Lemery R**
Bruhn H, Frahm J, Gyngell ML, Merboldt KD, Hänicke W, Sauter R, Hamburger C. Noninvasive differentiation of tumors with use of localized H–1 MR spectroscopy in vivo: initial experience in patients with cerebral tumors [see comments] Radiology 1989 Aug;172(2):541–8. **Comment in:** Radiology 1989 Aug;172(2):318–20
Bruining HA see **Vermeij CG**
Brumback RJ see **Dalal SA**
Brunelle F see **Gudinchet F**
Brunetaud JM, Maunoury V, Cochelard D, Boniface B, Cortot A, Paris JC. Endoscopic laser treatment for rectosigmoid villous adenoma: factors affecting the results. Gastroenterology 1989 Aug;97(2):272–7
Brunette EN see **Debs RJ**
Brunham RC see **Paavonen J**
Brunken RC, Kottou S, Nienaber CA, Schwaiger M, Ratib OM, Phelps ME, Schelbert HR. PET detection of viable tissue in myocardial segments with persistent defects at T1–201 SPECT. Radiology 1989 Jul;172(1):65–73
Brunning RD see **McKenna RW**
Bruns DE, Krishnan AV, Feldman D, Gray RW, Christakos S, Hirsch GN, Bruns ME. Epidermal growth factor increases intestinal calbindin-D9k and 1,25-dihydroxyvitamin D receptors in neonatal rats. Endocrinology 1989 Jul;125(1):478–85
Bruns ME see **Bruns DE**
Brunt PW see **Crofton RW**
Bruschi C see **Cerveri I**
Brüssel T, Theissen JL, Vigfusson G, Lunkenheimer PP, Van Aken H, Lawin P. Hemodynamic and cardiodynamic effects of propofol and etomidate: negative inotropic properties of propofol. Anesth Analg 1989 Jul;69(1):901–6
Bryan CH see **Maxwell K**
Bryan D see **Duncan AO**
Bryan MK see **Santamaria P**
Bryan RS see **Rand JA**
Brymer JF see **Mahdyoon H**
Buades J, Bassa A, Altés J, Vicens JM, Cabrer B. The metaraminol test and adverse cardiac effects [letter] Ann Intern Med 1989 Aug 1;111(3):259–60
Buard JL see **Chasseray VM**
Bubbers S see **Stanley TH**
Bucciarelli RL see **Resnick MB**
Buchanan KD see **Kenny BD**
Buchanan RW see **Kirkpatrick B**
Buchanan WW see **Laurent R**
Bucher HU, Fanconi S, Baeckert P, Duc G. Hyperoxemia in newborn infants: detection by pulse oximetry. Pediatrics 1989 Aug;84(2):226–30
Buchl LL see **Overman JA**
Bucholtz DC see **Foster DL**
Buchta RM. Drug usage among adolescents: a survey from a pediatric/adolescent practice [letter] Am J Dis Child 1989 Jul;143(7):765–6
Buckberg GD see **Beyersdorf F**
Bucy RP see **Henzlova MJ**
Budden J, Hollier LH. Management of aneurysms that involve the juxtarenal or suprarenal aorta. Surg Clin North Am 1989 Aug;69(4):837–44 (13 ref.)
Bue JM, Hausman DB, Berdanier CD. Gestational diabetes in the BHE rat: influence of dietary fat. Am J Obstet Gynecol 1989 Jul;161(1):234–40
Buenafe AC, Makowski FF, Rittenberg MB. Molecular analysis and fine specificity of antibodies against an organophosphorus hapten. J Immunol 1989 Jul 15; 143(2):539–45
Buetikofer J see **Benditt DG**
Bugyi HI see **Beyersdorf F**
Buhi WC see **Ogilvie S**
Buisson CL see **Chopin DK**
Buja LM see **Eidt JF**
Buja LM see **Willerson JT**
Bukoski WJ Jr see **Haverkos HW**
Bukovsky I see **Langer R**
Bukovsky I see **Ron-El R**
Bulian P see **Trentin L**
Bull BS see **Ing JJ**
Bull C see **Cooper SG**
Bull T see **Keogh BE**
Büller HR see **Avvisati G**
Bullerdiek J, Takla G, Bartnitzke S, Brandt G, Chilla R, Haubrich J. Relationship of cytogenetic subtypes of salivary gland pleomorphic adenomas with patient age and histologic type. Cancer 1989 Aug 15;64(4):876–80
Bullock JD, Goldberg SH, Rakes SM, Felder DS, Connelly PJ. Primary orbital neuroblastoma. Arch Ophthalmol 1989 Jul;107(7):1031–3
Bunel K, Schow SR. Comparison of soft-tissue enhanced and conventional cephalometric radiographs. J Oral Maxillofac Surg 1989 Aug;47(8):804–7
Bunn PA Jr. HTLV–I-associated diseases. West J Med 1989 May;150(5):578–9
Bunney MH see **Barr BB**
Burans JP, el Tayeb M, Abu-Elyazeed R, Woody JN. Comparison of latex agglutination with established bacteriological tests for diagnosis of cerebrospinal meningitis [letter] Lancet 1989 Jul 15;2(8655):158–9
Burattini MG see **Zurlo MG**
Burchard KW see **Cross JS**
Burchell MF see **Abman SH**
Burckhardt D see **Pfisterer M**
Burdick S, Tresch DD, Komokowski RA. Cardiac valvular dysfunction associated with Crohn's disease in the absence of ankylosing spondylitis. Am Heart J 1989 Jul;118(1):174–6
Burg F see **Leider H**
Burger H see **Quigley C**
Burger PC see **Shapiro WR**
Bürger RA, Riedmiller H, Knapstein PG, Friedberg V, Hohenfellner R. Ileocecal vaginal construction. Am J Obstet Gynecol 1989 Jul;161(1):162–7
Burgess AR see **Dalal SA**
Burgess AW see **Prentky RA**
Burget GC, Menick FJ. Nasal support and lining: the marriage of beauty and blood supply. Plast Reconstr Surg 1989 Aug;84(2):189–202
Burgher LW see **Sokolowski JW Jr**
Bürgi U see **Schlapbach P**
Burhenne HJ see **Gibney RG**
Burk DL Jr see **Mitchell DG**
Burk RF. Selenium and myocardial infarction [letter] JAMA 1989 Aug 11;262(6):775
Burkart F see **Pfisterer M**
Burke AP, Helwig EB. Gangliocytic paraganglioma. Am J Clin Pathol 1989 Jul;92(1):1–9
Burke PJ see **Geller RB**
Burks JH, Fliegelman R, Sokalski SJ. An unforeseen complication of home parenteral antibiotic therapy. Arch Intern Med 1989 Jul;149(7):1603–4
Burkus JK see **Alexander AH**
Burman KD see **Tseng YC**
Burnett D, Ertan A, Jones R, O'Leary JP, Mackie R, Robinson JE Jr, Salen G, Stahlgren L, Van Thiel DH, Vassy L, et al. Use of external shock-wave lithotripsy and adjuvant ursodiol for treatment of radiolucent gallstones. A national multicenter study. Dig Dis Sci 1989 Jul; 34(7):1011–5
Burnett D see **Adams DH**
Burnett DA see **Conlan MG**
Burnett LS see **Strnad CM**
Burns FJ. Cancer risk associated with therapeutic irradiation of skin. Arch Dermatol 1989 Jul;125(7):979–81 (20 ref.)
Burns J see **Herrington CS**
Burns S see **Bisset C**
Burns SM see **Gray JA**
Burns T see **Holmberg L**
Burnstock G see **James S**
Burnweit CA see **Horton JW**
Burrin JM see **Jones PM**
Burris J see **Ramin SM**
Burroughs RW see **DeWood MA**
Burstein NA see **Bright RA**
Burstein S see **Cara JF**
Burton K see **Varma JR**
Busch FW see **Pawelec GP**
Buschman DL see **Moore AD**
Buser M see **Hadziselimovic F**
Buser PT, Camacho SA, Wu ST, Higgins CB, Jasmin G,

Parmley WW, Wikman-Coffelt J. The effect of dobutamine on myocardial performance and high-energy phosphate metabolism at different stages of heart failure in cardiomyopathic hamsters: a 31P MRS study. Am Heart J 1989 Jul;118(1):86-91
Bush BA see **Matthews JI**
Bush HL Jr see **Jones WG 2d**
Bushnell DL see **Yegelwel EJ**
Busquet P see **Montalescot G**
Butler AB 4th see **Engelhard HH 3d**
Butler C see **Sieck EA**
Butler IJ see **Hecht JT**
Butler IJ see **Jonas AJ**
Butler JR. NHS review: the first three months [editorial] BMJ 1989 Apr 29;298(6681):1128-9
Butler L see **Guberski DL**
Butler RB see **Schenkman M**
Butler RN. Geriatric AIDS is a growing concern [editorial] Geriatrics 1989 Jul;44(7):21
Butler T see **Rabbani GH**
Butman SM, Karl L, Copeland JG. Combined aortic and mitral valve replacement in an adult with Scheie's disease. Chest 1989 Jul;96(1):209-10
Buttolph L see **Jenike MA**
Buus S see **Sette A**
Bye MR see **Bernstein LJ**
Byers C see **Wald ER**
Byers S see **Younis LT**
Byhardt RW see **Cox JD**
Byrd BF 3d, Finkbeiner W, Bouchard A, Silverman NH, Schiller NB. Accuracy and reproducibility of clinically acquired two-dimensional echocardiographic mass measurements. Am Heart J 1989 Jul;118(1):133-7
Byrd HS, Hobar PC. Abdominal wall expansion in congenital defects. Plast Reconstr Surg 1989 Aug;84(2):347-52
Byse BH see **Simon M**
Bzdúch V, Spissák L. Radioulnar synostosis in Williams syndrome [letter] J Pediatr 1989 Jul;115(1):165

C

Cabral H see **Amaro H**
Cabrer B see **Buades J**
Cabrit R see **Saada M**
Caceres E see **Monreal M**
Caceres J see **McKinnie J**
Cade H see **Barnhill JE 3d**
Cade J, Margetts B. Cigarette smoking and serum lipid and lipoprotein concentrations [letter] BMJ 1989 May 13; 298(6683):1312
Cade PH. Pesticide in lanolin [letter] JAMA 1989 Aug 4; 262(5):613
Cafferkey MT see **Attwood SE**
Cagle P see **Truong LD**
Cahill CA. Beta-endorphin levels during pregnancy and labor: a role in pain modulation? Nurs Res 1989 Jul-Aug; 38(4):200-3
Cahill P see **McCartney CF**
Caillou B see **Huet S**
Cain JM, Diamond A, Tamimi HK, Greer BE, Figge DC. The morbidity and benefits of concurrent gracilis myocutaneous graft with pelvic exenteration. Obstet Gynecol 1989 Aug;74(2):185-9
Cain KC see **Uhlmann RF**
Cairns E, Kwong PC, Misener V, Ip P, Bell DA, Siminovitch KA. Analysis of variable region genes encoding a human anti-DNA antibody of normal origin. Implications for the molecular basis of human autoimmune responses. J Immunol 1989 Jul 15;143(2):685-91
Cairns SR see **Dowsett JF**
Caja V see **Monreal M**
Caider D see **Bauer FE**
Caldwell MD see **Amaral JF**
Caldwell MD see **Winkler MF**
Calhoun J see **Tolia V**
Califf RM see **Kereiakes DJ**
Callen PW see **Goldstein RB**
Calne R. A new method? [letter] Surgery 1989 Jul;106(1):114
Calne RY, Collier DS, Lim S, Pollard SG, Samaan A, White DJ, Thiru S. Rapamycin for immunosuppression in organ allografting [letter] Lancet 1989 Jul 22;2(8656):227
Calomiris JJ see **Ahearn JM Jr**
Calonge E see **Martí-Bonmatí L**
Calonge N see **Rivara FP**
Caloras D see **Pryor JL**
Calvano SE see **Organ BC**
Camacho SA see **Buser PT**
Cambier JC see **Justement LB**
Cambier JC see **Klemsz MJ**
Camilleri JP see **Vuong PN**
Camm AJ see **Garratt C**
Campanini MC see **Ranzi T**
Campbell AJ, Borrie MJ, Spears GF. Risk factors for falls in a community-based prospective study of people 70 years and older. J Gerontol 1989 Jul;44(4):M112-7
Campbell CA see **Lavine SJ**
Campbell CD see **Nakata S**
Campbell D. An investigative journalist looks at medical ethics. BMJ 1989 Apr 29;298(6681):1171-2
Campbell FW see **Jobes DR**
Campbell IL, Cutri A, Wilson A, Harrison LC. Evidence for IL-6 production by and effects on the pancreatic beta-cell. J Immunol 1989 Aug 15;143(4):1188-91
Campbell IL see **Harrison LC**
Campbell RC see **Boyd CR**
Campbell S see **Vyas S**
Campbell SK, Anderson JC, Gardner HG. Use of survey research methods to study clinical decision making: referral to physical therapy of children with cerebral palsy. Phys Ther 1989 Jul;69(7):610-5
Campbell WB see **Barnhill JE 3d**
Campbell WB see **George AL Jr**
Campbell WB see **Willerson JT**
Campion DR see **McCusker RH**
Campion EW see **Murphy DJ**
Campion FD. A piece of my mind. Windows. JAMA 1989 Jul 28;262(4):556
Campion JK see **Overman JA**
Campo E see **Cid MC**
Campos A see **Acedo A**
Campos JA see **Gil-Vernet JM**
Canal N see **Franceschi M**
Canalis E see **Centrella M**
Candela RJ see **Kereiakes DJ**
Candido EP see **Malleson P**
Cane M see **McCarley RW**
Canick JA see **Osathanondh R**
Cañigral G see **Acedo A**
Canning DA, Perman JA, Jeffs RD, Gearhart JP. Nutritional consequences of bowel segments in the lower urinary tract. J Urol 1989 Aug;142(2 Pt 2):509-11; discussion 520-1
Cannon JE see **Fahey MR**
Cannon RM see **DeLaurier GA**
Cannon RO see **Kaplan JE**
Canter CE, Gutierrez FR, Mirowitz SA, Martin TC, Hartmann AF Jr. Evaluation of pulmonary arterial morphology in cyanotic congenital heart disease by magnetic resonance imaging. Am Heart J 1989 Aug;118(2):347-54
Canty M. Recruitment for family medicine [letter] Am Fam Physician 1989 Jul;40(1):52, 54
Capel PJ see **van de Winkel JG**
Capell H. A patient with seropositive rheumatoid arthritis. Br J Rheumatol 1989 Aug;28(4):340
Caplan A see **Mauer SM**
Caplan RH see **Wickus GG**
Capone RJ see **Boden WE**
Capparelli EV see **Brodsky MA**
Cara JF, Burstein S, Cuttler L, Moll GW Jr, Rosenfield RL. Growth hormone deficiency impedes the rise in plasma insulin-like growth factor I levels associated with precocious puberty. J Pediatr 1989 Jul;115(1):64-8
Carabalona BJ, Sastre BA, Crespy BL, Michotey GA. Gastrojejunostomy with mechanical suspension of the afferent loop. Surg Gynecol Obstet 1989 Jul;169(1):65-6
Carachi R, Azmy A, Gorham S, Reid J, French DA. Use of a bioprosthesis to relieve tension in oesophageal anastomosis: an experimental study. Br J Surg 1989 May; 76(5):496-8
Caralps A see **Gil-Vernet JM**
Cardellach F, Galofre J, Casso R, Urbano-Márquez A. Decline in skeletal muscle mitochondrial respiration chain function with aging [letter] Lancet 1989 Jul 1;2(8653):44-5
Cardenosa G see **Shin JH**
Cardoso de Oliveira M see **Bozola AR**
Cardoza JD see **Filly RA**
Cardwell MS see **Snyder SW**
Caref EB, Turitto G, Ibrahim BB, Henkin R, el-Sherif N. Role of bandpass filters in optimizing the value of the signal-averaged electrocardiogram as a predictor of the results of programmed stimulation. Am J Cardiol 1989 Jul 1;64(1):16-26
Caref EB see **el-Sherif N**
Carek DJ see **Ballenger JC**
Carel JC, Frazier B, Ley TJ, Holers VM. Analysis of epitope expression and the functional repertoire of recombinant complement receptor 2 (CR2/CD21) in mouse and human cells. J Immunol 1989 Aug 1;143(3):923-30
Carey P see **Rao PS**
Caritis SN, Venkataramanan R, Cotroneo M, Chiao JP. Pharmacokinetics of orally administered ritodrine. Am J Obstet Gynecol 1989 Jul;161(1):32-5
Carl A see **Kostulik JP**
Carlier M see **Meier B**
Carlier PG see **Jacobstein MD**
Carlon GC see **Groeger JS**
Carlson HE see **Sawin CT**
Carlson M see **Gilsanz V**
Carlson SE. Narcoleptic twins [letter] Neurology 1989 Jul; 39(7):1005-6
Carlton CE Jr see **Gervasi LA**
Carlton CE Jr see **Meacham RB**
Carman J see **Fultz M**
Carmichael AJ, Paul CJ. Extra-pulmonary lymphomatoid granulomatosis [letter] Br J Rheumatol 1989 Aug; 28(4):358-9
Carnes SA, Watson AP. Disposing of the US chemical weapons stockpile. An approaching reality. JAMA 1989 Aug 4;262(5):653-9
Carney DN. Oncogenes and genetic abnormalities in lung cancer. Chest 1989 Jul;96(1 Suppl):25S-27S (20 ref.)
Caroline D see **Meyers FA**
Carpenter B see **Thijssen AM**
Carpenter RL, Smith HS, Bridenbaugh LD. Epinephrine increases the effectiveness of tetracaine spinal anesthesia. Anesthesiology 1989 Jul;71(1):33-6
Carpenter RL see **Kopacz DJ**
Carpenter T see **Chen C**
Carpenter WT Jr see **Kirkpatrick B**
Carpenter-Deyo LJ see **Gray PR**
Carr ME Jr, Howe CW. Lupus anticoagulant and cerebrovascular accident in a patient with neurofibromatosis. South Med J 1989 Jul;82(7):921-3
Carr ME Jr see **Gabriel DA**
Carr RF, LiVolsi VA. Morphologic changes in the thyroid after irradiation for Hodgkin's and non-Hodgkin's lymphoma. Cancer 1989 Aug 15;64(4):825-9
Carrasco CH, Murray JA. Giant cell tumors. Orthop Clin North Am 1989 Jul;20(3):395-405 (34 ref.)
Carrasco CH see **O'Keeffe F**
Carreras B see **Bermúdez FJ**
Carretero P see **Gil-Vernet JM**
Carrie LE. A plea for lateral thinking by obstetric anaesthetist [letter] Anaesthesia 1989 May;44(5):444
Carriquiry CE see **Bozola AR**
Carroll AM, Hardy RR, Bosma MJ. Occurrence of mature B (IgM+, B220+) and T (CD3+) lymphocytes in scid mice. J Immunol 1989 Aug 15;143(4):1087-93
Carroll BA. Preferred imaging techniques for the diagnosis of cholecystitis and cholelithiasis. Ann Surg 1989 Jul; 210(1):1-12 (54 ref.)
Carroll HJ see **Oh MS**
Carroll MA see **Stein BE**
Carroll WL, Yu M, Link MP, Korsmeyer SJ. Absence of Ig V region gene somatic hypermutation in advanced Burkitt's lymphoma. J Immunol 1989 Jul 15;143(2):692-8
Carson CC see **Fernandez JA**
Carstensen H, Nolte H, Hertz H. Teniposide-induced hypersensitivity reactions in children [letter] Lancet 1989 Jul 1;2(8653):55
Carta A see **Ruggieri S**
Cartee GD see **Lawrence JC Jr**
Carter BC see **Watanabe AT**
Carter EP, Leiper AD, Chessells JM, Hurst A. Thyroid function in children after treatment for acute lymphoblastic leukaemia [letter] Arch Dis Child 1989 Apr;64(4):631
Carter JL, Rodriguez M. Immunosuppressive treatment of multiple sclerosis. Mayo Clin Proc 1989 Jun;64(6):664-9 (47 ref.)
Carter M see **Dimmick JE**
Carter R see **Edington JD**
Carter RL see **Resnick MB**
Carter VS see **Patzakis MJ**
Cartlidge NE see **Bindoff LA**
Cartwright KA, Jones DM. ACP Broadsheet 121: June 1989. Investigation of meningococcal disease. J Clin Pathol 1989 Jun;42(6):634-9
Cartwright PC, Snow BW. Bladder autoaugmentation: early clinical experience. J Urol 1989 Aug;142(2 Pt 2):505-8; discussion 520-1
Carulla X see **Martínez-Ródenas F**
Cascino GD, Jensen JM, Nelson LA, Schutta HS. Periodic hyperammonemic encephalopathy associated with a ureterosigmoidostomy. Mayo Clin Proc 1989 Jun; 64(6):653-6
Cascino GD see **Jack CR Jr**
Case JP see **Kumkumian GK**
Case JP see **Lafyatis R**
Cases A see **Escolar G**
Casey MP see **Foley M**
Cash E, Bandeira A, Chirinian S, Brahic M. Characterization of B lymphocytes present in the demyelinating lesions induced by Theiler's virus. J Immunol 1989 Aug 1; 143(3):984-8
Cashion RW see **Johnston DL**
Casiello M see **Muscettola G**
Casola G see **Varney RR**
Casperson KL see **Erramouspe J**
Caspi E see **Langer R**
Caspi E see **Ron-El R**
Cassagnes J see **Bassand JP**
Cassel CK, Leaning J. Chernobyl: learning from experience [editorial; comment] N Engl J Med 1989 Jul 27; 321(4):254-5. **Comment on:** N Engl J Med 1989 Jul 27;321(4): 205-12
Casselbrant M see **Wald ER**
Casseyre P see **Olivier C**
Cassone VM see **Rivkees SA**
Castaigne A see **Saada M**
Castaigne AD, Hervé C, Duval-Moulin AM, Gaillard M, Dubois-Rande JL, Boesch C, Wolf M, Lellouche D, Jan F, Vernant P, et al. Prehospital use of APSAC: results of a placebo-controlled study. Am J Cardiol 1989 Jul 5; 64(2):30A-33A; discussion 41A-42A
Castaing D, Garden OJ, Bismuth H. Segmental liver resection using ultrasound-guided selective portal venous occlusion. Ann Surg 1989 Jul;210(1):20-3
Castaing D see **Bismuth H**
Castaneda F see **Epstein DH**
Castaneda-Zuniga WR see **Epstein DH**
Castell DO. Asthma and gastroesophageal reflux [editorial] Chest 1989 Jul;96(1):2-3
Castell DO see **Murphy DW**
Castell MJ see **Krozowski ZS**
Castellanos A see **Kessler KM**
Castellanos A see **Topaz O**
Castelletto RH see **Ottino A**

Castelli WP see **Sawia CT**
Castillo OA see **Strawbridge LR**
Castillo R see **Escolar G**
Castillon G see **Sanda M**
Castrogiovanni P, Marazziti D. ERG b-wave amplitude and brain dopaminergic activity [letter] Am J Psychiatry 1989 Aug;146(8):1085–6
Catala F see **Marti-Bonmati L**
Catalano M see **Balsano F**
Catarci M see **Ruggieri S**
Cates AE see **Kessler PD**
Catovsky D see **Bennett JM**
Cattanach L see **LaVeau PJ**
Catton GE see **Nair BD**
Caubo B, DeVinna RS, Tonetta SA. Regulation of steroidogenesis in cultured porcine theca cells by growth factors. Endocrinology 1989 Jul;125(1):321–6
Caughey DE see **Tan PL**
Cauthen GM see **Rieder HL**
Cavallaro A see **Farina C**
Cavanagh D see **Hoffman M**
Cavanaugh RM Jr. Pediatricians and the pneumatic otoscope: are we playing it by ear? Pediatrics 1989 Aug;84(2):362–4
Cave DR, Vargas M. Effect of a Campylobacter pylori protein on acid secretion by parietal cells. Lancet 1989 Jul 22; 2(8656):187–9
Cease KB see **Brett SJ**
Cecchetti G see **Sideri M**
Cederblad A see **Davidsson L**
Celasun B see **Günhan O**
Celle G see **Savarino V**
Cendron M, Keating MA, Huff DS, Koop CE, Snyder HM 3d, Duckett JW. Cryptorchidism, orchiopexy and infertility: a critical long-term retrospective analysis. J Urol 1989 Aug;142(2 Pt 2):559–62; discussion 572
Centrella M, Canalis E, McCarthy TL, Stewart AF, Orloff JJ, Insogna KL. Parathyroid hormone-related protein modulates the effect of transforming growth factor-beta on deoxyribonucleic acid and collagen synthesis in fetal rat bone cells. Endocrinology 1989 Jul;125(1):199–208
Centrella M, McCarthy TL, Canalis E. Platelet-derived growth factor enhances deoxyribonucleic acid and collagen synthesis in osteoblast-enriched cultures from fetal rat parietal bone. Endocrinology 1989 Jul;125(1):13–9
Cercenado E see **Berenguer J**
Cerdeiro R see **Ballare C**
Cerilli J see **Brasile L**
Cerletty J see **Van Ruiswyk J**
Cernaianu AC see **DelRossi AJ**
Cerny A see **Morse HC 3d**
Cerny FJ. Relative effects of bronchial drainage and exercise for in-hospital care of patients with cystic fibrosis. Phys Ther 1989 Aug;69(8):633–9
Cerra F see **Bankey P**
Cerra FB, Shronts EP, Raup S, Konstantinides N. Enteral nutrition in hypermetabolic surgical patients. Crit Care Med 1989 Jul;17(7):619–22
Cerveri I, Bruschi C, Zoia MC, Maccarini L, Grassi M, Lebowitz MD, Rampulla C, Grassi C. Smoking habit and bronchial reactivity in normal subjects. A population-based study. Am Rev Respir Dis 1989 Jul;140(1):191–6
Cestari C see **Di Lelio A**
Ceyhan M see **Kaya IS**
Chacin de Bonilla L see **Morales LM**
Chackal-Roy M, Niemeyer C, Moore M, Zetter BR. Stimulation of human prostatic carcinoma cell growth by factors present in human bone marrow. J Clin Invest 1989 Jul;84(1):43–50
Chadda RK, Jain BK. Depression and negative symptoms in schizophrenia [letter] Am J Psychiatry 1989 Aug; 146(8):1083
Chadduck WM see **Glasier CM**
Chadud P see **Walter T**
Chadwick MV see **Hanson PJ**
Chaimoff C see **Moroz C**
Chaisson RE. Tuberculosis and HIV infection—new opportunities for an old pathogen [editorial] West J Med 1989 Jun;150(6):687–9
Chaitman BR see **Deligonul U**
Chaitman BR see **Younis LT**
Chaitman BR see **Zack PM**
Chalant CH see **Dion R**
Chalberg C see **Deftos LJ**
Chalew SA see **Hanukoglu A**
Chalmers AG see **Larvin M**
Chalmers I see **Hetherington J**
Cham K see **Tang CM**
Chamakhi S see **Boukhris R**
Chamberlain DA. Unanswered questions in thrombolysis. Am J Cardiol 1989 Jul 5;64(2):34A–40A; discussion 41A–42A (43 ref.)
Chamberlin RW. Home visiting: a necessary but not in itself sufficient program component for promoting the health and development of families and children. Pediatrics 1989 Jul; 84(1):178–80
Chambers RB, Derick RJ, Davidorf FH, Koletar SL, Dangel ME. Varicella-zoster retinitis in human immunodeficiency virus infection. Case report. Arch Ophthalmol 1989 Jul; 107(7):960–1
Chamone DF see **Tranchesi B Jr**
Champagne E see **Biondi A**
Champion HR see **Harviel JD**
Champlin L. Home care goes 'high-tech'. Geriatrics 1989 Jul;44(7):83–6
Champlin RE see **Baranov A**
Chan KH, Mann KS, Chan TK. The significance of thrombocytopenia in the development of postoperative intracranial hematoma. J Neurosurg 1989 Jul;71(1):38–41
Chan LS see **McCuaig CC**
Chan TK see **Chan KH**
Chan YM see **Garland JS**
Chan-Yeung M, Enarson DA, MacLean L, Irving D. Longitudinal study of workers in an aluminum smelter. Arch Environ Health 1989 May-Jun;44(3):134–9
Chandrasoma PT see **Couldwell WT**
Chang HK see **Hakim TS**
Chang HK see **Sullivan KJ**
Chang R see **Doppman JL**
Chang RW. Individual outcome prediction models for intensive care units. Lancet 1989 Jul 15;2(8655):143–6
Chang SC. Psychiatric diagnosis in China [letter] Am J Psychiatry 1989 Aug;146(8):1079–80
Chang SC, Shiao GM, Perng RP. Postural effect on gas exchange in patients with unilateral pleural effusions. Chest 1989 Jul;96(1):60–3
Chang SF see **Holtzman JL**
Chang YC see **Nagasue N**
Chansler MW see **Fleming SE**
Chao CR, Hohimer AR, Bissonnette JM. The effect of elevated blood glucose on the electroencephalogram and cerebral metabolism during short-term brain ischemia in fetal sheep. Am J Obstet Gynecol 1989 Jul;161(1):221–8
Chao EY. A composite fixation principle for modular segmental defect replacement (SDR) prostheses. Orthop Clin North Am 1989 Jul;20(3):439–53
Chao J see **Yoo T**
Chapelier A see **Dartevelle P**
Chaplin S see **Ferner RE**
Chapman B see **Stehling MK**
Chapman PD, Vetter JW, Souza JJ, Wetherbee JN, Troup PJ. Comparison of monophasic with single and dual capacitor biphasic waveforms for nonthoracotomy canine internal defibrillation. J Am Coll Cardiol 1989 Jul; 14(1):242–5
Chapple CR see **James S**
Charak BS see **Banavali SD**
Charboneau JW see **Hick JF**
Chariap S, Kahlam S, Lichstein E, Frishman W. Electromechanical dissociation: diagnosis, pathophysiology, and management. Am Heart J 1989 Aug; 118(2):355–60 (58 ref.)
Charnsangavej C see **O'Keeffe F**
Charo IF see **Brown DL**
Charoenvit Y see **Nudelman S**
Chartrand C see **Perrault H**
Chartrand L see **Christou NV**
Charyulu KK see **Sridhar KS**
Chase GA see **Pearlson GD**
Chase TN see **Litvan I**
Chasseray VM, Kiroff GK, Buard JL, Launois B. Cervical or thoracic anastomosis for esophagectomy for carcinoma. Surg Gynecol Obstet 1989 Jul;169(1):55–62
Chatellier G see **Montalescot G**
Chatenoud L, Ferran C, Bach JF. In-vivo anti-CD3 treatment of autoimmune patients [letter] Lancet 1989 Jul 15; 2(8655):164
Chatila T, Silverman L, Miller R, Geha R. Mechanisms of T cell activation by the calcium ionophore ionomycin. J Immunol 1989 Aug 15;143(4):1283–9
Chatterjee K see **Bersin RM**
Chaudhri G, Clark IA. Reactive oxygen species facilitate the in vitro and in vivo lipopolysaccharide-induced release of tumor necrosis factor. J Immunol 1989 Aug 15; 143(4):1290–4
Chaussy C see **Haupt G**
Chaux A see **Czer LS**
Chávez GF, Mulinare J, Cordero JF. Maternal cocaine use during early pregnancy as a risk factor for congenital urogenital anomalies. JAMA 1989 Aug 11;262(6):795–8
Chawla YK see **Dilawari JB**
Check IJ see **Warshaw BL**
Cheetham CH. Transient neonatal galactosaemia [letter] Arch Dis Child 1989 Apr;64(4):637
Cheever AW, Deb S. Persistence of hepatic fibrosis and tissue eggs following treatment of Schistosoma japonicum infected mice. Am J Trop Med Hyg 1989 Jun;40(6):620–8
Chemtob S, Doray JL, Laudignon N, Papageorgiou A, Varma DR, Aranda JV. Alternating sequential dosing with furosemide and ethacrynic acid in drug tolerance in the newborn. Am J Dis Child 1989 Jul;143(7):850–4
Chen BX see **Doze VA**
Chen C, Carpenter T, Steg N, Baron R, Anast C. Hypercalciuric hypophosphatemic rickets, mineral balance, bone histomorphometry, and therapeutic implications of hypercalciuria. Pediatrics 1989 Aug;84(2):276–80
Chen D see **Jennings WC**
Chen J see **Freimer N**
Chen JJ, Saeki Y, Shi LF, Köhler H. Tumor idiotype vaccines. VI. Synergistic anti-tumor effects with combined "internal image" anti-idiotypes and chemotherapy. J Immunol 1989 Aug 1;143(3):1053–7
Chen SC see **Kesler KA**
Chen SH, Thompson AR, Zhang M, Scott CR. Three point mutations in the factor IX genes of five hemophilia B patients. Identification strategy using localization by altered epitopes in their hemophilic proteins. J Clin Invest 1989 Jul;84(1):113–8
Chen TJ, Hwang TC, Huang CC, Jow GM, Yu JY. Deciduomal estrogen and progesterone receptors in unilateral pregnant hamsters. Endocrinology 1989 Jul; 125(1):302–7
Chen V see **Chou P**
Chen WF see **Maraskovsky E**
Chen Y, Pederson LL, Lefcoe NM. Passive smoking and low birthweight [letter] Lancet 1989 Jul 1;2(8653):54–5
Chen YJ see **Smith ML**
Cheng PW, Boat TF, Cranfill K, Yankaskas JR, Boucher RC. Increased sulfation of glycoconjugates by cultured nasal epithelial cells from patients with cystic fibrosis. J Clin Invest 1989 Jul;84(1):68–72
Cheng TO. Salt and blood pressure [letter] Lancet 1989 Jul 22;2(8656):214–5
Cheng TO. Disposable equipment and environmental pollution [letter] J Am Coll Cardiol 1989 Jul;14(1):264
Cheng TO. Heart disease in Tibet [letter] Lancet 1989 Jul 15;2(8655):163
Cherian J see **Jennings WC**
Cherlex E see **Lemery R**
Cherniack MG see **Cullen MR**
Cherry KJ Jr see **Bower TC**
Cherryman GR see **Williams MP**
Chesnut RW see **Ishioka GY**
Chess L see **Lederman S**
Chessells JM see **Carter EP**
Chessum BS see **Joynson DH**
Chester CS, McLaren CE. Somatosensory evoked response and recovery from stroke. Arch Phys Med Rehabil 1989 Jul;70(7):520–5
Cheung AY see **Gaspar LE**
Cheung DG see **Graettinger WF**
Cheung NT see **Ridley MG**
Cheung PS, Thompson NW. Right atrial extension of adrenocortical carcinoma. Surgical management using hypothermia and cardiopulmonary bypass. Cancer 1989 Aug 15;64(4):812–5
Chezmar JL see **Nelson RC**
Chiabrando C see **Benigni A**
Chiang CW see **Hung JS**
Chiantella VM see **Murphy DW**
Chiao J see **Organ BC**
Chiao JP see **Caritis SN**
Chiarelli F, La Penna G, Morgese G. Tubular dysfunction and microalbuminuria in insulin dependent diabetes [letter] Arch Dis Child 1989 Apr;64(4):635
Chiariello M see **Santinelli V**
Chien KR see **Sills MN**
Chignon JM, Lepine JP. Panic and hypertension associated with single dose of buspirone [letter] Lancet 1989 Jul 1; 2(8653):46–7
Childers RW see **Grim PS**
Childs GV, Westlund KN, Unabia G. Characterization of anterior pituitary target cells for arginine vasopressin: including cells that store adrenocorticotropin, thyrotropin-beta, and both hormones. Endocrinology 1989 Jul;125(1):554–9
Chilla R see **Bullerdiek J**
Chilvers C see **Forman D**
Chin J see **Tocci MJ**
Chin JL, Ferguson IK. Intermittent difficulty with catheterization of Indiana continent urinary reservoir: use of flexible ureteroscope. J Urol 1989 Aug;142(2):371
Chin RC see **Goodman SB**
Ching W see **Howlett CR**
Chiou SS see **Goodman SB**
Chiovato L see **Betterle C**
Chipkin SR, Szecowka J, Tai LR, Kostyo JL, Goodman HM. Different growth hormone-receptor interactions mediate insulin-like and lipolytic responses of rat adipose tissue. Endocrinology 1989 Jul;125(1):450–8
Chirinian S see **Cash E**
Chisholm RJ see **Freeman MR**
Chitkara RK, Donath J. Misinterpretation of lung perfusion scan [letter] Crit Care Med 1989 Jul;17(7):713–4
Chiu CS see **Sham JS**
Chiu J see **Larsen RA**
Chiu LC see **Garber HJ**
Chleborad J see **Rayburn W**
Chmiel JS see **Lurain JR**
Choe AI, Ziessman HA, Fleischer DE. Tumor-associated gastroparesis with esophageal carcinoma. Use of intravenous metoclopramide during radionuclide gastric emptying studies to predict clinical response. Dig Dis Sci 1989 Jul;34(7):1132–4
Choe H, Tashiro C, Fukumitsu K, Yagi M, Yoshiya I. Comparison of recorded values from six pulse oximeters. Crit Care Med 1989 Jul;17(7):678–81
Choi HS see **Yoo OH**
Choi KC see **Oh MS**
Choi PH see **Sham JS**
Choi SC see **Muizelaar JP**
Choi TK see **Lai EC**
Chokshi SK, Meyers SN. Diastolic segmental compression of saphenous vein bypass graft. Am Heart J 1989 Aug; 118(2):402–4
Choksi UA see **Samaan NA**
Choonara IA, Heney D, Meadow SR. Low dose prednisolone

in nephrotic syndrome. Arch Dis Child 1989 Apr; 64(4):610–1
Chopin DK, Abbou CC, Lottmann HB, Popov Z, Lang PR, Buisson CL, Belghiti D, Colombel M, Auvert JM. Conservative treatment of renal allograft rupture with polyglactin 910 mesh and gelatin resorcin formaldehyde glue. J Urol 1989 Aug;142(2):363–5
Choppin PW. Howard Hughes Medical Institute: training the next generation of medical scientists. Acad Med 1989 Jul; 64(7):382–3
Chotai K see **Thakker RV**
Chou DK see **Koski CL**
Chou P, Chen V. Mass screening for cervical cancer in Taiwan from 1974 to 1984. Cancer 1989 Aug 15;64(4):962–8
Chou S see **Gulmi FA**
Chou T see **Shu SY**
Choudhury A, Wengert PA Jr, Smith JS Jr. A new surgical localization technique for biopsy in patients with nipple discharge. Arch Surg 1989 Jul;124(7):874–5
Choudhury M see **Lastarria E**
Choudry NB, Fuller RW, Pride NB. Sensitivity of the human cough reflex: effect of inflammatory mediators prostaglandin E2, bradykinin, and histamine. Am Rev Respir Dis 1989 Jul;140(1):137–41
Chow K see **Gibney RG**
Chow OK, Fung KP. Slow-release terbutaline and theophylline for the long-term therapy of children with asthma: a Latin square and factorial study of drug effects and interactions. Pediatrics 1989 Jul;84(1):119–25
Chowen-Breed JA, Steiner RA, Clifton DK. Sexual dimorphism and testosterone-dependent regulation of somatostatin gene expression in the periventricular nucleus of the rat brain. Endocrinology 1989 Jul;125(1):357–62
Choy D see **Sham JS**
Choy-Kwong M, Lipton RB. Dystonia related to cocaine withdrawal: a case report and pathogenic hypothesis. Neurology 1989 Jul;39(7):996–7
Christakos S see **Bruns DE**
Christensen BM see **Abraham D**
Christensen HJ. Patient-Controlled Analgesia Versus Intermittent Analgesia Dosing [letter] Heart Lung 1989 Jul; 18(4):430–1
Christian SS, Duff P. Is universal screening for hepatitis B infection warranted in all prenatal populations? Obstet Gynecol 1989 Aug;74(2):259–61
Christianson LA see **Nicolson SC**
Christoffel KK see **Fuchs S**
Christoffel KK see **Griffin TC**
Christou NV, Tellado-Rodriguez J, Chartrand L, Giannas B, Kapadia B, Meakins J, Rode H, Gordon J. Estimating mortality risk in preoperative patients using immunologic, nutritional, and acute-phase response variables. Ann Surg 1989 Jul;210(1):69–77
Christov K, Milev A, Todorov V. DNA aneuploidy and cell proliferation in breast tumors. Cancer 1989 Aug 1; 64(3):673–9
Chrousos GP see **Doppman JL**
Chrousos GP see **Perry RR**
Chrysant SG see **Ames RP**
Chu DZ, Fainstein V, Bodey GP, Hopfer RL, Luna MA, Hickey RC. Necrotizing gas-forming infections in cancer patients. South Med J 1989 Jul;82(7):860–3
Chu M see **Yap I**
Chu ML see **Jaakkola S**
Chuang HT, Devins GM, Hunsley J, Gill MJ. Psychosocial distress and well-being among gay and bisexual men with human immunodeficiency virus infection. Am J Psychiatry 1989 Jul;146(7):876–80
Chudler RM, Kay R. Adrenocortical carcinoma in children. Urol Clin North Am 1989 Aug;16(3):469–79 (57 ref.)
Chui HC. Dementia. A review emphasizing clinicopathologic correlation and brain-behavior relationships. Arch Neurol 1989 Jul;46(7):806–14 (199 ref.)
Chun LT see **Reddy DV**
Chung CT see **Sagerman RH**
Churchill BM see **Husmann DA**
Churchill BM see **Khoury AE**
Churchill LR. Ethical issues in chronic, severe, catastrophic illnesses. South Med J 1989 Jul;82(7):815–7
Chusid MJ see **Kelly KJ**
Chute CG see **Kiel DP**
Chvapil M see **Gibeault JD**
Chylack LT Jr, Leske MC, McCarthy D, Khu P, Kashiwagi T, Sperduto R. Lens opacities classification system II (LOCS II). Arch Ophthalmol 1989 Jul;107(7):991–7
Cid MC, Campo E, Ercilla G, Palacin A, Vilaseca J, Villalta J, Ingelmo M. Immunohistochemical analysis of lymphoid and macrophage cell subsets and their immunologic activation markers in temporal arteritis. Influence of corticosteroid treatment. Arthritis Rheum 1989 Jul; 32(7):884–93
Cigarroa RG, Lange RA, Hillis LD. Oximetric quantitation of intracardiac left-to-right shunting: limitations of the Qp/Qs ratio. Am J Cardiol 1989 Jul 15;64(3):246–7
Cigarroa RG, Lange RA, Hillis LD. Prognosis after acute myocardial infarction in patients with and without residual anterograde coronary blood flow. Am J Cardiol 1989 Jul 15;64(3):155–60
Cimino JJ. Nosocomial Clostridium difficile infections [letter] N Engl J Med 1989 Jul 20;321(3):190
Cinca J, Bardaji A, Salas-Caudevilla A. Ventricular arrhythmias and local electrograms after chronic regional denervation of the ischemic area in the pig heart. J Am Coll Cardiol 1989 Jul;14(1):225–32
Cioffi WG see **Graves TA**
Cipollaro M see **Soskolne CL**
Cirenza C see **de Paola AA**
Ciric I see **Bailes JE**
Ciricillo SF, Weinstein PR. Foramen magnum syndrome from pseudogout of the atlanto-occipital ligament. Case report. J Neurosurg 1989 Jul;71(1):141–3
Cirulli C see **Koff SA**
Ciuccarelli C see **D'Addato M**
Ciufolini MG, Maroli M, Guandalini E, Marchi A, Verani P. Experimental studies on the maintenance of Toscana and Arbia viruses (Bunyaviridae: Phlebovirus). Am J Trop Med Hyg 1989 Jun;40(6):669–75
Civin CI. Reducing the cost of the cure in childhood leukemia [editorial; comment] N Engl J Med 1989 Jul 20; 321(3):185–7. **Comment on:.** **Comment on:** N Engl J Med 1989 Jul 20;321(3):136–42 N Engl J Med 1989 Jul 20;321(3):143–51
Claman HN see **Howell CD**
Claman HN see **Maier T**
Clapp RW see **Hesketh PJ**
Clark AW see **Heaton ND**
Clark CA see **Esposito AL**
Clark CG see **Harrison RA**
Clark DM see **Andress JD**
Clark IA see **Chaudhri G**
Clark JB see **Galdi AP**
Clark KF see **Smith ML**
Clark PD see **Barbee JG**
Clark RB see **Dworzack DL**
Clark RP, Berris CE. Botulinum toxin: a treatment for facial asymmetry caused by facial nerve paralysis. Plast Reconstr Surg 1989 Aug;84(2):353–5
Clark RV see **Gebhart SS**
Clarke BL, Bost KL. Differential expression of functional adrenocorticotropic hormone receptors by subpopulations of lymphocytes. J Immunol 1989 Jul 15;143(2):464–9
Clarke G see **Rehr RB**
Clarke JL see **Brasile L**
Clarke JR see **Hanson PJ**
Clarke NW, Gough DC, Cohen SJ. Neonatal urological ultrasound: diagnostic inaccuracies and pitfalls. Arch Dis Child 1989 Apr;64(4):578–80
Clarke RH see **Steg PG**
Clarke SW see **Johnson MA**
Clarke T see **Evans J**
Clason AE see **Stonebridge PA**
Claudianos C see **Foster PS**
Clausen I see **Børlum KG**
Clavien PA, Huber O, Rohner A. Venous mesenteric ischaemia: conservative or surgical treatment? [letter] Lancet 1989 Jul 1;2(8653):48
Clayden D see **Renvoize E**
Cleghorn JM, Kaplan RD, Nahmias C, Garnett ES, Szechtman H, Szechtman B. Inferior parietal region implicated in neurocognitive impairment in schizophrenia [letter] Arch Gen Psychiatry 1989 Aug;46(8):758–60
Cleland JG see **Uren NG**
Clelland JA see **Lein DH Jr**
Clemens JD see **Bhandari N**
Clemens PC, Neumann S. Transient primary hypothyroidism in the neonate [letter] Clin Pediatr (Phila) 1989 Jul;28(7):335
Clements ML see **Miotti PG**
Clemmons DR see **McCusker RH**
Cleveland R see **Manolis AS**
Clifford JS see **O'Connor BM**
Clifft JK see **Covington JS**
Clifton DK see **Chowen-Breed JA**
Clineschmidt BV see **Pettibone DJ**
Clissold PM see **Poznansky MC**
Cloez JL see **Isaac K**
Clouse KA, Robbins PB, Fernie B, Ostrove JM, Fauci AS. Viral antigen stimulation of the production of human monokines capable of regulating HIV1 expression. J Immunol 1989 Jul 15;143(2):470–5
Cloutier D see **Ng KH**
Co MA, Rosner IK, Berkmen YM, Rappaport I, Wood BP. Radiological case of the month. Traumatic pulmonary pseudocyst. Am J Dis Child 1989 Jul;143(7):841–2
Coalson JJ see **Idell S**
Coates TD see **Rickard KA**
Cobb JH see **Denton DR**
Cobbs CG see **Whitley RJ**
Cobby M, Duncan A, Hartnell G. Jekyll and Hyde chest radiographs. Br J Radiol 1989 Jun;62(738):561–2
Cobeta JC see **Nuñez JM**
Cobon GS see **Willadsen P**
Coburn JW see **Andress DL**
Coburn JW see **Boelaert JR**
Coburn JW see **Robertson JA**
Coccheri S see **Balsano F**
Cochelard D see **Brunetaud JM**
Cochran AJ see **Sterns EE**
Cochran ST see **Cragg AH**
Coe MR, Fechner RE, Jeffrey JJ, Balian G, Whitehill R. Characterization of tissue from the bone-polymethylmethacrylate interface in a rat experimental model. Demonstration of collagen-degrading activity and bone-resorbing potential. J Bone Joint Surg [Am] 1989 Jul;71(6):863–74
Coffer M see **Breger RK**
Cogan MG see **Liu FY**
Cogen P see **Aoki S**
Coggan M see **Tait B**
Coggeshall KM, Altman A. Stimulation of PIP2 hydrolysis by aluminum fluoride in resting T cell subsets of normal and autoimmune-prone lpr mice. J Immunol 1989 Aug 1; 143(3):780–6
Cogswell JJ see **Kennedy CR**
Cohall AT see **Goodman E**
Cohen A see **Leiberman JR**
Cohen AM see **Galloway DJ**
Cohen AR, Mizanin J, Schwartz E. Rapid removal of excessive iron with daily, high-dose intravenous chelation therapy. J Pediatr 1989 Jul;115(1):151–5
Cohen D see **Engelhard D**
Cohen DA see **Hodges TP**
Cohen DI see **Yokoyama WM**
Cohen EK see **Schiebler ML**
Cohen G see **Sappenfield D**
Cohen H, Mackie IJ, Anagnostopoulos N, Savage GF, Machin SJ. Lupus anticoagulant, anticardiolipin antibodies, and human immunodeficiency virus in haemophilia. J Clin Pathol 1989 Jun;42(6):629–33
Cohen HJ see **Kempe A**
Cohen J, Cowell HR. Corrective shoes [editorial] J Bone Joint Surg [Am] 1989 Jul;71(6):799
Cohen K see **Solomon LR**
Cohen LG see **Hallett M**
Cohen M see **Fuster V**
Cohen M see **Petrikovsky BM**
Cohen M see **Rentrop KP**
Cohen MB, Austin JH, Smith-Vaniz A, Lutzky J, Grimes MM. Nodular bleomycin toxicity. Am J Clin Pathol 1989 Jul;92(1):101–4 (11 ref.)
Cohen MB, Bottles K, Ablin AR, Miller TR. The use of fine-needle aspiration biopsy in children. West J Med 1989 Jun;150(6):665–7
Cohen MD see **Cory DA**
Cohen MM Jr, Cole DE. Origins of recognizable syndromes: etiologic and pathogenetic mechanisms and the process of syndrome delineation. J Pediatr 1989 Jul;115(1):161–4
Cohen MT see **Eaton M**
Cohen S see **Cunha BA**
Cohen SJ see **Clarke NW**
Cohen SN, Leeds MP. The moonlighting dilemma. Balancing education, service, and quality care while limiting risk exposure. JAMA 1989 Jul 28;262(4):529–31
Cohn AI see **Swett HA**
Cohn B. Professional liability coverage for residents [letter] Pediatrics 1989 Jul;84(1):195–6
Cohn G see **Baggish MS**
Cohn I Jr. Pedigrees of southern surgical chairmen. South Med J 1989 Jul;82(7):892–6
Cohn JR see **Yoss EB**
Cohn SM see **Fink MP**
Coit DG see **Jaques DP**
Colditz GA see **Weinstock MA**
Cole CL see **Demmler GJ**
Cole DE see **Cohen MM Jr**
Cole J see **Zahr L**
Cole JA, McCarthy SA, Rees MA, Sharrow SO, Singer A. Cell surface comodulation of CD4 and T cell receptor by anti-CD4 monoclonal antibody. J Immunol 1989 Jul 15; 143(2):397–402
Cole JO see **Aranow AB**
Cole PJ see **Corbo GM**
Cole TJ see **Nelson M**
Colebatch HJ. Recurrent pulmonary atelectasis as a manifestation of familial Mediterranean fever [letter] Arch Intern Med 1989 Jul;149(7):1698
Coleman CC see **Epstein DH**
Coleman DV see **Ward P**
Coleman GU see **Dimmick JE**
Coleman JL, Benach JL. Identification and characterization of an endoflagellar antigen of Borrelia burgdorferi. J Clin Invest 1989 Jul;84(1):322–30
Coletta D see **Eberhard ML**
Colgan MP see **Quill DS**
Colligan JE see **Mattson DH**
Colligan JE see **Shimojo N**
Collard JM see **van Beers B**
Colle E see **Ono SJ**
Colletti P see **Gill PS**
Collier BD see **Hellman RS**
Collier DS see **Caine RY**
Collier KA see **Tocci MJ**
Collin S see **Spika JS**
Collinge J, Harding AE, Owen F, Poulter M, Lofthouse R, Boughey AM, Shah T, Crow TJ. Diagnosis of Gerstmann-Sträussler syndrome in familial dementia with prion protein gene analysis. Lancet 1989 Jul 1;2(8653):15–7
Collings A see **Lloyd A**
Collins C, Given B, Berry D. Longitudinal studies as intervention. Nurs Res 1989 Jul-Aug;38(4):251–3
Collins C see **Davis AC**
Collins FH see **Vernick KD**
Collins JV see **Hanson PJ**
Collins JV see **Leigh TR**
Collins MH see **Kaznica J**
Collins MP see **Ghio AJ**
Collins RJ, Yu HC. Pleomorphic adenoma of the external

auditory canal. An immunohistochemical and ultrastructural study. Cancer 1989 Aug 15;64(4):870–5 (20 ref.)
Collura D see **Miller P**
Colman RW see **Gustafson EJ**
Colodny AH see **Bauer SB**
Colodny AH see **Joseph DB**
Colodny AH see **Peters CA**
Colohan AR, Alves WM, Gross CR, Torner JC, Mehta VS, Tandon PN, Jane JA. Head injury mortality in two centers with different emergency medical services and intensive care. J Neurosurg 1989 Aug;71(2):202–7
Colombel M see **Chopin DK**
Colombo A see **Gianrossi R**
Colon S see **Ishioka GY**
Colon SM see **Sette A**
Colón VF see **Woods SE**
Colony PC, Kois JM, Peiffer LP. Structural and enzymatic changes during colonic maturation in the fetal and suckling rat. Gastroenterology 1989 Aug;97(2):338–47
Colthar MS see **Gerson MC**
Colvin J see **Lawrence JC Jr**
Comaru-Schally AM see **Szende B**
Comas MA see **Richwald GA**
Comola M see **Franceschi M**
Conard GJ see **Holtzman JL**
Concia E see **Vento S**
Conlan MG, Haire WD, Burnett DA. Prothrombotic abnormalities in inflammatory bowel disease. Dig Dis Sci 1989 Jul;34(7):1089–93
Conley ME see **Kornstein MJ**
Conlon P, Pelz D, Waring E, Lefcoe D, Manchanda R. Use of imaging techniques for schizophrenic patients [letter] Am J Psychiatry 1989 Jul;146(7):941
Conlon PJ see **Watson JD**
Conly J, Suttie J, Reid E, Loftson J, Ramotar K, Louie T. Dietary deficiency of phylloquinone and reduced serum levels in febrile neutropenic cancer patients. Am J Clin Nutr 1989 Jul;50(1):109–13
Conly J see **Asthana S**
Connelly DP, Willard KE. Monte Carlo simulation and the clinical laboratory. Arch Pathol Lab Med 1989 Jul; 113(7):750–7
Connelly PJ see **Bullock JD**
Conner AN. The prone position, scoliosis, and cot death [letter] BMJ 1989 Apr 29;298(6681):1178
Conner HF see **Becker DM**
Connolly J see **Tannock I**
Connolly JL see **Schnitt SJ**
Connolly JL see **Stomper PC**
Connolly TL see **Dworzack DL**
Connor EM see **Mintz M**
Connor JD see **Whitley RJ**
Connor MT see **Watcha MF**
Connors JM see **Michalkiewicz M**
Conover MA see **Warner MA**
Conroy JM see **Sullivan MJ**
Conti CR. The American College of Cardiology and a smoke-free America [news] J Am Coll Cardiol 1989 Jul; 14(1):262
Conti JA, Kramer N, Rosenstein ED. Cytophagic panniculitis and lupus panniculitis versus Weber-Christian disease [letter] Am J Med 1989 Jul;87(1):3–4
Conti S see **Fava GA**
Contorni L see **Belli L**
Convit A see **Krakowski MI**
Cook DG see **Webster A**
Cook M see **Valway SE**
Cook ML see **Newman RS**
Cook PT, Davies MJ, Beavis RE. Bed rest and postlumbar puncture headache. The effectiveness of 24 hours' recumbency in reducing the incidence of postlumbar puncture headache. Anaesthesia 1989 May;44(5):389–91
Cook-Deegan R see **Hu H**
Cooke JE see **Sullivan MJ**
Cooke NE see **Ray J**
Cooke RW see **Murphy NP**
Cooke TD, Scudamore RA. Studies in the pathogenesis of rheumatoid arthritis. 2: Antigen/antibody reactions with avascular joint tissues. Br J Rheumatol 1989 Aug; 28(4):333–40 (64 ref.)
Cookson ET see **Mrazik TJ**
Cooney WP see **Bradway JK**
Cooper HL, McDuffie E, Braverman R. Human peripheral lymphocyte growth regulation and response to phorbol esters is linked to synthesis and phosphorylation of the cytosolic protein, prosolin. J Immunol 1989 Aug 1; 143(3):956–63
Cooper KD see **McCuaig CC**
Cooper KH, Blair SN, Gordon NF. Oxygen and athletes [editorial] JAMA 1989 Jul 14;262(2):264
Cooper NS see **Shiraki M**
Cooper SG, Sullivan ID, Bull C, Taylor JF. Balloon dilation of pulmonary venous pathway obstruction after Mustard repair for transposition of the great arteries. J Am Coll Cardiol 1989 Jul;14(1):194–8
Cooper TB see **Wolkin A**
Cooperberg PL see **Gibney RG**
Cooperman SS see **Sills MN**
Coots LE, Lazarus AA. Sarcoidosis diagnosed in a patient with known HIV infection. Chest 1989 Jul;96(1):201–2
Copeland JG see **Butman SM**
Copeland PM see **Fava M**
Copes WS see **Harviel JD**
Corbally M see **LaQuaglia MP**
Corbishley H. Obstetric protest [letter] Lancet 1989 Jul 15; 2(8655):162
Corbo GM, Foresi A, Bonfitto P, Mugnano A, Agabiti N, Cole PJ. Measurement of nasal mucociliary clearance. Arch Dis Child 1989 Apr;64(4):546–50
Corder CN see **Jennings WC**
Cordero JF see **Chávez GF**
Cordero JF see **Khoury MJ**
Coren S. Left-handedness and accident-related injury risk. Am J Public Health 1989 Aug;79(8):1040–1
Corey CR see **Shapiro MF**
Corey L see **Whitley RJ**
Corkill JA, Brabin BJ, MacGregor DF, Alpers MP, Milner RD. Newborn splenic volumes vary under different malaria endemic conditions. Arch Dis Child 1989 Apr;64(4):541–5
Cornell CE see **LaVeau PJ**
Cornell FM see **Sieck EA**
Cornett G see **Krusch DA**
Cornish-McTighe D see **Ballenger JC**
Cornwell EE 3d, Rodriguez A, Mirvis SE, Shorr RM. Acute acalculous cholecystitis in critically injured patients. Preoperative diagnostic imaging. Ann Surg 1989 Jul; 210(1):52–5
Coromilas J see **Ong L**
Coronel R, Fiolet JW, Wilms-Schopman JG, Opthof T, Schaapherder AF, Janse MJ. Distribution of extracellular potassium and electrophysiologic changes during two-stage coronary ligation in the isolated, perfused canine heart. Circulation 1989 Jul;80(1):165–77
Coroneo M. Management of chronic blepharitis [letter] Arch Ophthalmol 1989 Jul;107(7):951–2
Correia MG see **Pisco JM**
Corry RJ see **Wright FH**
Corse KM see **Boyd CR**
Cortés Rodrigo D see **Murube-del-Castillo J**
Cortez S see **Ginoza G**
Cortina H see **Marti-Bonmati L**
Cortot A see **Brunetaud JM**
Cory DA, Fritsch SA, Cohen MD, Mail JT, Holden RW, Scott JA, DeRosa GP. Aneurysmal bone cysts: imaging findings and embolotherapy. AJR Am J Roentgenol 1989 Aug; 153(2):369–73
Coryell W, Endicott J, Keller M, Andreasen N, Grove W, Hirschfeld RM, Scheftner W. Bipolar affective disorder and high achievement: a familial association. Am J Psychiatry 1989 Aug;146(8):983–8
Coryell W see **Zimmerman M**
Cosgriff JM see **Miller ME**
Cosio MG see **Vincken WG**
Cosman F, Post KD, Holub DA, Wardlaw SL. Lymphocytic hypophysitis. Report of 3 new cases and review of the literature. Medicine (Baltimore) 1989 Jul;68(4):240–56 (71 ref.)
Cossette R see **Baillot R**
Costantino JP see **Sanders MH**
Costanzo-Nordin MR see **Grady KL**
Cothren R see **Richards-Kortum R**
Cotroneo M see **Caritis SN**
Cottillion JG. Medical centers and marketing: making it work. Hospitals 1989 Jul 5;63(13):88
Cotton PB. Endoscopic drainage for suppurative cholangitis [letter] Lancet 1989 Jul 22;2(8656):213
Coughlin B see **Smith AS**
Couldwell WT, Chandrasoma PT, Weiss MH. Pituitary gland metastasis from adenocarcinoma of the prostate. Case report. J Neurosurg 1989 Jul;71(1):138–40 (14 ref.)
Coulson PS see **Mountford AP**
Coulthard MG see **Skinner R**
Cournot A see **Safar M**
Courtright P see **Hussein N**
Couser WG see **Kerjaschki D**
Coutts C see **Higenbottam T**
Covington JS, Griffin JW, Mendius RK, Tooms RE, Clifft JK. Measurement of pressure ulcer volume using dental impression materials: suggestion from the field. Phys Ther 1989 Aug;69(8):690–4
Covino BG see **Morishima HO**
Cowan EP see **Mattson DH**
Cowan EP see **Shimojo N**
Cowart VS. For some of nation's young athletes, training may be too much of a good thing [news] JAMA 1989 Aug 11;262(6):735, 739
Cowell C see **Quigley C**
Cowell HR see **Cohen J**
Cowley AW Jr see **Lewin RF**
Cowley DS see **Roy-Byrne PP**
Cox DL see **Overman JA**
Cox GG see **Lee KR**
Cox JD, Azarnia N, Byhardt RW, Perez CA, Fu K, Spunberg JJ, Sause WT. Altered fractionation for non-small cell carcinoma of the lung. Rationale for the prospective trials of the Radiation Therapy Oncology Group. Chest 1989 Jul;96(1 Suppl):68S–69S (7 ref.)
Cox M see **Topaz O**
Cox PJ see **Nicoll JJ**
Coxon R see **Stehling MK**
Cozzens JW see **Bailes JE**
Craft AW see **Skinner R**
Craft I see **al-Shawaf T**
Craft J see **Boire G**
Cragg AH, Smith TP, Thompson BH, Maroney TP, Stanson AW, Shaw GT, Hunter DW, Cochran ST. Incidental fibromuscular dysplasia in potential renal donors: long-term clinical follow-up. Radiology 1989 Jul; 172(1):145–7
Craig ID see **Tracey WR**
Craig JW see **Block FE**
Craighead JE. The epidemiology and pathogenesis of malignant mesothelioma. Chest 1989 Jul;96(1 Suppl):92S–93S (26 ref.)
Crake T see **Uren NG**
Cramer DW, Harlow BL, Willett WC, Welch WR, Bell DA, Scully RE, Ng WG, Knapp RC. Galactose consumption and metabolism in relation to the risk of ovarian cancer. Lancet 1989 Jul 8;2(8654):66–71
Crandall PH see **Rausch R**
Crane JP see **Shapiro E**
Crane MM, Keating MJ, Trujillo JM, Labarthe DR, Frankowski RF. Environmental exposures in cytogenetically defined subsets of acute nonlymphocytic leukemia. JAMA 1989 Aug 4;262(5):634–9
Cranfill K see **Cheng PW**
Crapanzano MS see **Barbee JG**
Crapo RO, Morris AH. Pulmonary function testing: sources of error in measurement and interpretation. South Med J 1989 Jul;82(7):875–9 (27 ref.)
Crapo RO see **Ghio AJ**
Crass R see **Fordyce-Baum MK**
Crawford SC see **Robinson JD**
Crea F see **Keogh BE**
Crea F see **Pupita G**
Crean PM see **Gallagher TM**
Crecelius PL see **George AL Jr**
Crespy BL see **Carabalona BJ**
Creter D see **Davidson S**
Crews DE. Multivariate prediction of total and cardiovascular mortality in an obese Polynesian population. Am J Public Health 1989 Aug;79(8):982–6
Cricelli F see **Bertini G**
Crijns HJ see **van der Linde MR**
Crile G Jr. Surgery, in the days of controversy. JAMA 1989 Jul 14;262(2):256–8
Crim JR see **Robinson JD**
Crippen DW, Bonetti MM, Hoyt JW, Martin BR. Cost and survival results of critical care regionalization for Medicare patients. Crit Care Med 1989 Jul;17(7):601–6
Crofton RW, Gvozdanovic D, Gvozdanovic S, Khin CC, Brunt PW, Mowat NA, Aggett PJ. Inorganic zinc and the intestinal absorption of ferrous iron. Am J Clin Nutr 1989 Jul;50(1):141–4
Crombleholme TM see **Verrier ED**
Cromie WJ see **Howe SC**
Crone RK see **Docimo SG**
Cronin K see **Rosenblum M**
Cronin ME see **Plotz PH**
Crosby JH see **Gaines JJ**
Cross AW see **King NM**
Cross JS, Gruber DP, Burchard KW, Singh AK, Moran JM, Gann DS. Hypertonic saline fluid therapy following surgery: a prospective study. J Trauma 1989 Jun; 29(6):817–25; discussion 825–6
Crouse JR see **Howard G**
Crouse LJ see **Helling TS**
Crow TJ see **Collinge J**
Crowley DC see **Vermilion RP**
Crowley WF Jr see **Hopkins CC**
Crowley WR see **Shah GV**
Crowson M see **Kirby RM**
Crowson MC, Hallissey MT, Kiff RS, Kingston RD, Fielding JW. Blood transfusion in colorectal cancer. Br J Surg 1989 May;76(5):522–3
Crozier IG see **Milne MJ**
Cruickshank RH, Hopkinson JM. Fluid flow through dural puncture sites. An in vitro comparison of needle point types. Anaesthesia 1989 May;44(5):415–8
Crumpacker CS 2d. Molecular targets of antiviral therapy. N Engl J Med 1989 Jul 20;321(3):163–72 (101 ref.)
Cruz PD Jr, Bergstresser PR. Ultraviolet radiation, Langerhans' cells, and skin cancer. Conspiracy and failure. Arch Dermatol 1989 Jul;125(7):975–9 (54 ref.)
Cruz Ortiz M see **Rubio-García R**
Crystal RG see **Hubbard RC**
Crystal RG see **Spurzem JR**
Csongradi JJ, Maloney WJ. Ununited lower limb fractures. West J Med 1989 Jun;150(6):675–80 (40 ref.)
Cucco RA see **Yoo OH**
Cullen A see **Soden M**
Cullen JW. The National Cancer Institute's Smoking, Tobacco, and Cancer Program. Chest 1989 Jul;96(1 Suppl):9S–13S
Cullen JW see **Greenwald P**
Cullen MH. Optimum duration of treatment with combination chemotherapy for small cell lung cancer. Chest 1989 Jul;96(1 Suppl):62S–64S (7 ref.)
Cullen MR, Cherniack MG. Spectrum of occupational disease in an academic hospital-based referral center in Connecticut from 1979 to 1987. Arch Intern Med 1989 Jul;149(7):1621–6
Cullen RW see **Rehn BL**
Culpepper L see **Dowling PT**
Cummings SR, Nevitt MC. A hypothesis: the causes of hip

fractures. J Gerontol 1989 Jul;44(4):M107–11
Cummins B see **Bisset C**
Cummins D, Southee T, Waishe K, Mackie IJ, Machin SJ. Gamma irradiated blood samples: unsuitability for haemostatic evaluation of high risk patients [letter] J Clin Pathol 1989 Jun;42(6):667
Cummins L. Pediatric crohn's disease [letter] West J Med 1989 May;150(5):589
Cundall DB see **Henderson MJ**
Cunha BA, Cohen S. Pseudomeningitis: report of a case caused by Bacillus and review of the literature. Heart Lung 1989 Jul;18(4):418–20 (16 ref.)
Cunningham AS. Beware of overtreating children! Am J Dis Child 1989 Jul;143(7):786–8
Cunningham C see **Van Ruiswyk J**
Cunningham D see **Hickish T**
Cunningham DS see **Harrison DJ**
Cunningham J see **Altmann P**
Cunningham MJ, Curtin HD, Jaffe R, Stool SE. Otologic manifestations of Langerhans' cell histiocytosis. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):807–13
Curl S see **Fitzgerald–Bocarsly P**
Curless R see **Daghistani D**
Curran JS see **Resnick MB**
Currie PJ. Transesophageal echocardiography. New window to the heart. Circulation 1989 Jul;80(1):215–7
Curry A see **McNulty CA**
Curry PV see **Rosenthal E**
Curry SC see **Guidry JR**
Curtin HD see **Cunningham MJ**
Curtin JW. Have we really come this far?[editorial] Plast Reconstr Surg 1989 Aug;84(2):340–1
Curtis J see **Kooh SW**
Curtis LR see **Beard MK**
Curtsinger CR, Wilson MJ, Yoneda K. Primary cardiac lymphoma. Cancer 1989 Jul 15;64(2):521–5
Cusack BJ see **Montamat SC**
Cuschieri A. Partial fundoplication after abdominal Heller's myopathy [letter] Br J Surg 1989 May;76(5):527
Cushman LF see **Rulin MC**
Cusso R see **Cardellach F**
Cutler GB Jr see **Doppman JL**
Cutler GB Jr see **Manasco PK**
Cutler GB Jr see **Perry RR**
Cutri A see **Campbell IL**
Cuttitta F see **Mulshine JL**
Cuttler L see **Cara JF**
Cyr DR see **Patten RM**
Czachor JS see **Gleckman RA**
Czarnecki DJ, Feider HK, Splittgerber GF. Toluidine blue dye as a breast localization marker. AJR Am J Roentgenol 1989 Aug;153(2):261–3
Czeizel A. Ovulation induction and neural tube defects [letter] Lancet 1989 Jul 15;2(8655):167
Czer LS, Maurer G, Bolger A, DeRobertis M, Kleinman J, Gray RJ, Chaux A, Matloff JM. Tricuspid valve repair. Operative and follow-up evaluation by Doppler color flow mapping. J Thorac Cardiovasc Surg 1989 Jul;98(1):101–10; discussion 110–1
Czernobilsky B see **Komitowski D**
Czervionke LF see **Breger RK**

D

el–Dabh A, Rogers RE, Davis TE, Sutton GP. The role of endocervical curettage in satisfactory colposcopy. Obstet Gynecol 1989 Aug;74(2):159–64
Dacey RG Jr see **Newell DW**
D'Addato M, Pedrini L, Bertoni M, Stella A, Vitacchiano G, Sardella L, Ciuccarelli C, Maggi G, Poppi M. Traumatic amputation of the upper limb: replantation of the arm. J Trauma 1989 Jun;29(6):876–9
Dado DV, Gonzalez–Crussi F. Bilateral ectopic thymus gland tissue associated with the cleft lip and palate [letter] Plast Reconstr Surg 1989 Aug;84(2):376
Dae M see **Verrier ED**
Dafopoulos N see **Kimball BP**
Dager SR see **Roy–Byrne PP**
Daghistani D, Curless R, Toledano SR, Ayyar DR. Ataxia–pancytopenia and monosomy 7 syndrome. J Pediatr 1989 Jul;115(1):108–10
Dagorn JC see **Giorgi D**
D'Agostaro G see **Davis AC**
Daha MR see **Otten HG**
Dahl GV see **Pui CH**
Dahl–Puustinen ML, Lidén A, Alm C, Nordin C, Bertilsson L. Disposition of perphenazine is related to polymorphic debrisoquin hydroxylation in human beings. Clin Pharmacol Ther 1989 Jul;46(1):78–81
Dahlenfors R see **Boadeson L**
Dahn MS see **Lange MP**
Daikoku S see **Ohe T**
Daily PO see **Moises VA**
Daitoh T see **Mori K**
Dalakas M see **Plotz PH**
Dalal PS see **Sagerman RH**
Dalal SA, Burgess AR, Siegel JH, Young JW, Brumback RJ, Poka A, Dunham CM, Gens D, Bathon H. Pelvic fracture in multiple trauma: classification by mechanism is key to pattern of organ injury, resuscitative requirements, and outcome. J Trauma 1989 Jul;29(7):981–1000; discussion 1000–2
Dale DC. Western medical schools—a breed apart. West J Med 1989 May;150(5):602–3
Dale J, Green J. Self referral to an accident and emergency department [letter] BMJ 1989 Apr 29;298(6681):1182–3
Dale S see **Pullar T**
Dalens B, Vanneuville G, Dechelotte P. Penile block via the subpubic space in 100 children. Anesth Analg 1989 Jul; 69(1):907–11
Dalgleish AG. Retroviruses and oncogenes. Br J Rheumatol 1989 Aug;28(4):350–7 (36 ref.)
Dalinka MK see **Mitchell DG**
Dalinka MK see **Zlatkin MB**
Dallabetta GA see **Miotti PG**
Dallal GE see **Sadowski JA**
Daly J see **Feldman M**
Dambrink JH see **Parameshwar J**
Dambrosia J see **Bromfield EB**
Dambrosia JM see **Eldridge R**
Damé B see **Bonithon–Kopp C**
D'Amico DJ see **Oum BS**
Damrow T, Freedman H, Lane RS, Preston KL. Is Ixodes (ixodiopsis) angustus a vector of Lyme disease in Washington State? West J Med 1989 May;150(5):580–2
Damsky CH see **Brown DL**
Dan M see **Halpern Z**
Dan SJ see **Sanborn TA**
Dance DA, Wuthiekanun V, Naigowit P, White NJ. Identification of Pseudomonas pseudomallei in clinical practice: use of simple screening tests and API 20NE. J Clin Pathol 1989 Jun;42(6):645–8
Dang Y see **Isenberg SJ**
Dangel ME see **Chambers RB**
D'Angio CT, Lloyd JK. Nephrocalcinosis in Shwachman's syndrome. Arch Dis Child 1989 Apr;64(4):614–5
D'Angio GJ, Breslow N, Beckwith JB, Evans A, Baum H, deLorimier A, Fernbach D, Hrabovsky E, Jones B, Kelalis P, et al. Treatment of Wilms' tumor. Results of the Third National Wilms' Tumor Study. Cancer 1989 Jul 15; 64(2):349–60
Dani R see **Belenkie I**
Daniel MT see **Bennett JM**
Daniel TM see **Stewart FM**
Daniel TM see **Wallis RS**
Daniell W see **Sherman CB**
Daniels DL see **Breger RK**
Daniels JC see **Gonzalez EB**
Danilova N see **Baranov A**
Danis KM see **Malek TR**
Danish SJ see **Berry MW**
Dannemann AF, Majerovics A, Kaback MB. Documentation of suprachoroidal hemorrhage during B–scan ultrasonography. Case report. Arch Ophthalmol 1989 Jul; 107(7):960
Danoff JV see **Gundersen LA**
Dans PE, Johnson TR, King TM. Improving a university hospital obstetric clinic: better but not best. Obstet Gynecol 1989 Aug;74(2):262–6
Danziger E see **Komisar A**
Danzo BJ see **Toney TW**
Dapunt O see **Pimpl W**
Darauay CM see **Vincken WG**
Darcourt G see **Souêtre E**
Darcy MD see **Epstein DH**
Darden PM see **Quattlebaum TG**
Dardenne M, Savino W, Gagnerault MC, Itoh T, Bach JF. Neuroendocrine control of thymic hormonal production. I. Prolactin stimulates in vivo and in vitro the production of thymulin by human and murine thymic epithelial cells. Endocrinology 1989 Jul;125(1):3–12
Darjes H see **Falk W**
Darteveille P, Marzelle J, Chapelier A, Loe'h F. Extended operations for T3–T4 primary lung cancers. Indications and results. Chest 1989 Jul;96(1 Suppl):51S–53S
Das SK see **Khansur T**
da Silva BM see **Porto G**
Da Silva RP, Hall BF, Joiner KA, Sacks DL. CR1, the C3b receptor, mediates binding of infective Leishmania major metacyclic promastigotes to human macrophages. J Immunol 1989 Jul 15;143(2):617–22
Daubenspeck JA see **Harver A**
Dauber LG, Fleischner GM. Formphobia [letter] JAMA 1989 Jul 28;262(4):500
Daugird AJ, Spencer DC. Characteristics of patients who highly utilize telephone medical care in a private practice. J Fam Pract 1989 Jul;29(1):59–63; discussion 63–4
Davey B see **Gould JB**
Davey MJ see **James S**
David CL see **Lorigan JG**
David CL see **Stewart RR**
David JR see **Silberstein DS**
Davidman M see **Davies SF**
Davidoff G see **Jackson MD**
Davidorf FH see **Chambers RB**
Davidson AC see **Murphy CE**
Davidson AJ, Hartman DS, Goldman SM. Mature teratoma of the retroperitoneum: radiologic, pathologic, and clinical correlation. Radiology 1989 Aug;172(2):421–5
Davidson AR see **Rulin MC**
Davidson BL, Tarlé SA, Palella TD, Kelley WN. Molecular basis of hypoxanthine–guanine phosphoribosyltransferase deficiency in ten subjects determined by direct sequencing of amplified transcripts. J Clin Invest 1989 Jul;84(1):342–6
Davidson DC see **Gibbs J**
Davidson J see **Bisset C**
Davidson N see **Geller RB**
Davidson S, Creter D, Leveston G, Katznelson D. Tuberculosis of the middle ear in an infant. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):876–7 (15 ref.)
Davidson SR see **Reid DL**
Davidsson L, Cederblad A, Lönnerdal B, Sandström B. Manganese absorption from human milk, cow's milk, and infant formulas in humans. Am J Dis Child 1989 Jul; 143(7):823–7
Davies B, Andrewes D, Stargatt R, Ames D, Tuckwell V, Davis S. Tacrine in Alzheimer's disease [letter] Lancet 1989 Jul 15;2(8655):163–4
Davies G see **Hands ME**
Davies MJ. Successful and unsuccessful coronary thrombolysis. Br Heart J 1989 May;61(5):381–4 (28 ref.)
Davies MJ see **Cook PT**
Davies P see **Docimo SG**
Davies S see **Warner GL**
Davies SF, Graif JL, Husebye DG, Maddy MM, McArthur CD, Path MJ, O'Connell MB, Iber C, Davidman M. Comparative effects of transdermal clonidine and oral atenolol on acute exercise performance and response to aerobic conditioning in subjects with hypertension. Arch Intern Med 1989 Jul;149(7):1551–6
Davignon A see **Perrault H**
Davis AC, Collins C, Yoshimura MI, D'Agostaro G, Shulman MJ. Mutations of the mouse mu H chain which prevent polymer assembly. J Immunol 1989 Aug 15;143(4):1352–7
Davis AG see **McGrady EM**
Davis AJ, Emans SJ. Human papilloma virus infection in the pediatric and adolescent patient. J Pediatr 1989 Jul; 115(1):1–9 (54 ref.)
Davis CB see **Norton FL**
D'Avis JC see **Tseng YC**
Davis JW. Cervical injuries—perils of the swimmer's view: case report. J Trauma 1989 Jun;29(6):891–3
Davis KB see **Zack PM**
Davis KR see **Kuhn MJ**
Davis L see **Thurmond AS**
Davis LL, Barham PD. Get the most from your preceptorship program. Nurs Outlook 1989 Jul–Aug;37(4):167–71
Davis RM see **Hatziandreu EJ**
Davis S see **Davies B**
Davis SE see **Smith ML**
Davis SP, Stomper PC, Weidner N, Meyer JE. Suture calcification mimicking recurrence in the irradiated breast: a potential pitfall in mammographic evaluation. Radiology 1989 Jul;172(1):247–8
Davis TE see **el–Dabh A**
Dawson CA see **Roerig DL**
Day AL, Salcman M. Subarachnoid hemorrhage. Am Fam Physician 1989 Jul;40(1):95–105 (33 ref.)
Day R, Gebhard RL, Schwartz HL, Strait KA, Duane WC, Stone BG, Oppenheimer JH. Time course of hepatic 3–hydroxy–3–methylglutaryl coenzyme A reductase activity and messenger ribonucleic acid, biliary lipid secretion, and hepatic cholesterol content in methimazole–treated hypothyroid and hypophysectomized rats after triiodothyronine administration: possible linkage of cholesterol synthesis to biliary secretion. Endocrinology 1989 Jul;125(1):459–68
Dayal Y see **Klein BR**
Dayanithi G, Antoni FA. Rapid as well as delayed inhibitory effects of glucocorticoid hormones on pituitary adrenocorticotropic hormone release are mediated by type II glucocorticoid receptors and require newly synthesized messenger ribonucleic acid as well as protein. Endocrinology 1989 Jul;125(1):308–13
Daye FF see **Sawyer JA**
Dbeis M see **Flaker GC**
D'Cruz IA, Dick A, Gross CM, Hand CR, Lalmalani GG. Abnormal left ventricular–left atrial posterior wall contour: a new two–dimensional echocardiographic sign in constrictive pericarditis. Am Heart J 1989 Jul;118(1):128–32
Dean E, Ross J, MacIntyre D. A rejoinder to "Exercise Programs for Patients with Post–Polio Syndrome: a case report"—a short communication. Phys Ther 1989 Aug; 69(8):695–8; discussion 698–9
De Andraca I see **Walter T**
Deans JP, Boyd AW, Pilarski LM. Transitions from high to low molecular weight isoforms of CD45 (T200) involve rapid activation of alternate mRNA splicing and slow turnover of surface CD45R. J Immunol 1989 Aug 15; 143(4):1233–8
Deb S see **Cheever AW**
de Beer M see **Sutej PG**
DeBell KE see **Bonvini E**
de Boer HH see **Reijnen HA**
Debongnie JC, Beyaert C, Legros G. Touch cytology, a useful diagnostic method for diagnosis of upper gastrointestinal tract infections. Dig Dis Sci 1989 Jul;34(7):1025–7
de Braud F, Heilbrun LK, Ahmed K, Sakr W, Easley JF, Kish JA, Tapazoglou E, al–Sarraf M. Metastatic squamous cell carcinoma of an unknown primary localized to the neck. Advantages of an aggressive treatment. Cancer 1989 Jul 15;64(2):510–5
Debruyne FM see **Kirkels WJ**
Debruyne FM see **Schornagel JH**
Debs RJ, Düzgüneş N, Brunette EN, Fendly B, Patton J,

Philip R. Liposome-associated tumor necrosis factor retains bioactivity in the presence of neutralizing anti-tumor necrosis factor antibodies. J Immunol 1989 Aug 15; 143(4):1192-7
DeBuhan B see Archambeaud-Mouveroux F
Dec GW see Aroney CN
de Carvalho CR see Moore AD
DeCesare N, Bartorelli A, Fabbiocchi F, Folli A, Loaldi A, Montorsi P, Polese A, Guazzi MD. Superior efficacy of propranolol versus nifedipine in double-component angina, as related to different influences on coronary vasomotility. Am J Med 1989 Jul;87(1):15-21
Dechelotte P see Dalens B
Deck D see Hodges TP
Decker E see Karp RJ
Decker JM see Sherblom AP
de Crémoux H see Brauner MW
Decter RM, Roth DR, Gonzales ET. Individualized treatment of ureteroceles. J Urol 1989 Aug;142(2 Pt 2):535-7; discussion 542-3
Dedrick CG. Adrenal arteriography and venography. Urol Clin North Am 1989 Aug;16(3):515-26 (42 ref.)
Deenstra M see Haalboom JR
Defalque RJ, Bromley JJ. Poststernotomy neuralgia: a new pain syndrome. Anesth Analg 1989 Jul;69(1):947-8
DeFesi CR see Shapiro LE
de Feyter PJ, Serruys P, van den Brand M, Meester H, Beatt K, Suryapranata H. Percutaneous transluminal angioplasty of a totally occluded venous bypass graft: a challenge that should be resisted. Am J Cardiol 1989 Jul 1;64(1):88-90
DeFronzo RA see Groop LC
Deftos LJ, Hogue-Angeletti R, Chalberg C, Tu S. PTHrP secretion is stimulated by CT and inhibited by CgA peptides. Endocrinology 1989 Jul;125(1):563-5
De Giovanni J see Jones TJ
De Goeij DC see Berkenbosch F
de Groen PC. Cyclosporine: a review and its specific use in liver transplantation. Mayo Clin Proc 1989 Jun; 64(6):680-9 (151 ref.)
DeGroot LJ see Sridama V
de Groote MA, Martin MA, Densen P, Pfaller MA, Wenzel RP. Plasma tumor necrosis factor levels in patients with presumed sepsis. Results in those treated with antilipid A antibody vs placebo. JAMA 1989 Jul 14;262(2):249-51
Degudicibus S see Tocci MJ
DeHaven KE see Weiss CB
Dehesdin D see Marie JP
Dehmer GJ see Popma JJ
Deicher H see von Wussow P
De Iongh R, Rutland J. Orientation of respiratory tract cilia in patients with primary ciliary dyskinesia, bronchiectasis, and in normal subjects. J Clin Pathol 1989 Jun;42(6):613-9
Deitch AD see Hellstrom WJ
Deitch D, Kirshner HS. Subdural hematoma after normal CT. Neurology 1989 Jul;39(7):985-7
Deitch D see Koss LG
Deitch EA, Ma L, Ma WJ, Grisham MB, Granger DN, Specian RD, Berg RD. Inhibition of endotoxin-induced bacterial translocation in mice. J Clin Invest 1989 Jul; 84(1):36-42
Deitch EA see Dobke MK
de Jager JP see Wanders RJ
Dejax C see Archambeaud-Mouveroux F
Dejbachsh-Jones S see Strober S
DeJesus ST see Steg PG
De Jong J see Roy A
de Jong PE see Kallenberg CG
Dejter SW Jr, Gibbons MD. The fate of infant kidneys with fetal hydronephrosis but initially normal postnatal sonography. J Urol 1989 Aug;142(2 Pt 2):661-2; discussion 667-8
de Juan E Jr see Small KW
de Juan E Jr see Zilis JD
De Keijzer MH see Provoost AP
deKernion JB see Golomb J
Dekmezian RH see Sneige N
de Kretser DM see Drummond AE
de la Harpe J, Nathan CF. Adenosine regulates the respiratory burst of cytokine-triggered human neutrophils adherent to biologic surfaces. J Immunol 1989 Jul 15; 143(2):596-602
Delamothe T. Hospital art and its problems. BMJ 1989 Apr 29;298(6681):1164-5
Delaney C see Forsyth D
de las Morenas A see Sheline M
DeLaurier GA, Cannon RM, Johnson RH JR, Sisley JF, Baisden CR, Mansberger AR JR. Increased peritoneal fluid lactic acid values and progressive bowel strangulation in dogs. Am J Surg 1989 Jul;158(1):32-5
Delaurier GA see Sherman JC
Del Bigio MR see Reddy KK
DelBridge C see Wenig BM
Del Castillo JM see Mangione JA
Del Core MG, Nair CK, Peetz D Jr, Mohiuddin SM, Sketch MH. Early restenosis following successful percutaneous balloon valvuloplasty for calcific valvular aortic stenosis. Am Heart J 1989 Jul;118(1):181-2
Delemarre BJ see van Vlies B
Deligdisch L see Heller DS
Deligonul U, Vandormael MG, Younis LT, Chaitman BR. Prognostic significance of silent myocardial ischemia detected by early treadmill exercise after coronary angioplasty. Am J Cardiol 1989 Jul 1;64(1):1-5
Deligonul U see Gudipati CV
Deligonul U see Kern MJ
Delitto A. Subjective measures and clinical decision making. Phys Ther 1989 Jul;69(7):585-9
Delitto A, Shulman AD, Rose SJ. On developing expert-based decision-support systems in physical therapy: the NIOSH low back atlas. Phys Ther 1989 Jul;69(7):554-8
Delius RE, Obeid FN, Horst HM, Sorensen VJ, Fath JJ, Bivins BA. Catheter aspiration for simple pneumothorax. Experience with 114 patients. Arch Surg 1989 Jul; 124(7):833-6
(Delivoria-Papadopoulos M) Walker CH. Neonatology—then and now. Assisted ventilation in the newborn (1964). Arch Dis Child 1989 Apr;64(4):629
Dellon AL. Improved hearing and improved speech [letter] Plast Reconstr Surg 1989 Aug;84(2):369-70
deLorimier A see D'Angio GJ
de los Santos ET see Weiland JE
DelPrato S see Groop LC
DelRossi AJ, Cernaianu AC, Botros S, Lemole GM, Moore R. Prophylactic treatment of postperfusion bleeding using EACA. Chest 1989 Jul;96(1):27-30
DeLuca SA see Fearnow EC
Del Vecchio L see Ferrara F
DeMarchis E see Peng AT
DeMaria J see Steele BT
DeMarsh PL see Frey CL
Demaziere A. Dapsone in the long-term treatment of temporal arteritis [letter] Am J Med 1989 Jul;87(1):3
De Médicis E see Lehoux JG
de Mesy Jensen KL see di Sant'Agnese PA
Demeter S, Rosene DL, Van Hoesen GW. Commissural connections and symmetry of degeneration in Alzheimer's disease [letter] Arch Neurol 1989 Jul;46(7):723-4
DeMichele SJ see Teo TC
Demling RH, LaLonde C, Liu YP, Zhu DG. The lung inflammatory response to thermal injury: relationship between physiologic and histologic changes. Surgery 1989 Jul;106(1):52-9
Demmler GJ, Levy ML, Cole CL, Mishaw CO, Benson AB, Thaller RM, Feingold M. Brown recluse spider bites. Am J Dis Child 1989 Jul;143(7):843
Demol H see Gris P
Dempsey D see Meyers FA
de Mulder PH see Schornagel JH
Denapoli TS see Elliott DC
Denborough MA see Foster PS
Denckla MB see Eldridge R
DeNigris SJ. Extrapancreatic lipases [letter] Gastroenterology 1989 Aug;97(2):551-2
Dening TR, Berrios GE. Potential confusion of neuroleptic malignant syndrome and Wilson's disease [letter] Lancet 1989 Jul 1;2(8653):43
Deniz YF see Fink MP
Dennehy PJ, Warman R, Flynn JT, Scott GB, Mastrucci MT. Ocular manifestations in pediatric patients with acquired immunodeficiency syndrome. Arch Ophthalmol 1989 Jul; 107(7):978-82 (30 ref.)
Dennis J, Johnson A, Mutch L, Yudkin P, Johnson P. Acid-base status at birth and neurodevelopmental outcome at four and one-half years. Am J Obstet Gynecol 1989 Jul;161(1):213-20
Dennison S, French RN. Cardiac problems in ECT [letter] Am J Psychiatry 1989 Jul;146(7):939
Denny T see Fitzgerald-Bocarsly P
Denny T see Mintz M
Denoroy MC see Bonnefoy JY
Denoyelle M see Bauvois B
Densen P see de Groote MA
Dent JC see McNulty CA
Denton DR, Cobb JH, Webb WA. Practice locations of Texas family practice residency graduates, 1979-1987. Acad Med 1989 Jul;64(7):400-5
Denton J see Freemont AJ
de Paola AA, Horowitz LN, Miyamoto MH, Pinheiro R, Ferreira DF, Terzian AB, Cirenza C, Guiguer N Jr, Andrade JC, Fo EE. Automatic implantable defibrillator with VVI pacemaker in a patient with chronic Chagas myocarditis and total atrioventricular block. Am Heart J 1989 Aug; 118(2):415-7
DePaolo LV see McDonald JK
De Pena CA see Van Tassel P
Depue RA, Arbisi P, Spoont MR, Krauss S, Leon A, Ainsworth B. Seasonal and mood independence of low basal prolactin secretion in premenopausal women with seasonal affective disorder. Am J Psychiatry 1989 Aug;146(8):989-95
de Raad MA see van de Winkel JG
Derauf BJ see Epstein DH
de Regt RH see Berkowitz GS
Derick RJ see Chambers RB
De Rienzo B see Mongiardo N
de Riesthal HF see Organ BC
Derksen FJ see Gray PR
DeRobertis M see Czer LS
de Rooij HH see Otten HG
DeRosa GP see Cory DA
DeRouen T see Paavonen J
Derse CP see Schleimer RP
Derugin N see Saeed M
Dessi D, March R, Watters JM. Hyperglycemia after trauma increases with age. J Trauma 1989 Jun;29(6):719-23
Desai PB see Saikia TK
DeSalles AA see Muizelaar JP
DeSimone CA see Leighton BL
De Simone L see Bertini G
Desmet VJ see Facchetti F
Desmond E see Yoo OH
de Sousa M see Porto G
De Stefano P see Zurlo MG
Deter RL see Stefos T
Detrano R see Gianrossi R
de Tribolet N see Kuppner MC
Deutsch AL see Mink JH
Deutsch DT see Shaw DK
deVere White RW see Hellstrom WJ
DeVinna RS see Caubo B
Devins GM see Chuang HT
Devinsky O see Bromfield EB
Devlin RB see Harris DT
Devoe LD see Ruedrich DA
de Vos R see Facchetti F
deVries JE see Paliard X
De Witte J see Benezech M
Dewolf WC see Docimo SG
de Wolf-Peeters C see Facchetti F
DeWood MA, Notske RN, Berg R Jr, Ganji JH, Simpson CS, Hinnen ML, Selinger SL, Fisher LD. Medical and surgical management of early Q wave myocardial infarction. I. Effects of surgical reperfusion on survival, recurrent myocardial infarction, sudden death and functional class at 10 or more years of follow-up. J Am Coll Cardiol 1989 Jul;14(1):65-77
DeWood MA, Leonard J, Grunwald RP, Hensley GR, Mouser LT, Burroughs RW, Berg R Jr, Fisher LD. Medical and surgical management of early Q wave myocardial infarction. II. Effects on mortality and global and regional left ventricular function at 10 or more years of follow-up. J Am Coll Cardiol 1989 Jul;14(1):78-90
Deyton L see Masur H
de Zegher F, Vanderschueren-Lodeweyckx M. Congenital hypothyroidism and monoamniotic twins [letter] Lancet 1989 Jul 15;2(8655):169-70
Dhanesha U see Altmann P
Dhital SK see Nanchahal J
Diamond A see Cain JM
Diamond B see Ishikura H
Diamond DA, Blight A, Ransley PG. Hyperammonemic encephalopathy: a complication associated with the prune belly syndrome. J Urol 1989 Aug;142(2):361-2
Diamond DA, Menon M, Lee PH, Rickwood AM, Johnston JH. Etiological factors in pediatric stone recurrence. J Urol 1989 Aug;142(2 Pt 2):606-8; discussion 619
Diamond DA see Wollin M
di Careggi O see Longo G
Di Chiro G. Meningioma subtypes: MR and PET features [letter] Radiology 1989 Aug;172(2):578-9
Dick A see D'Cruz IA
Dick A see Romond EH
Dick AE, Gross CM, Rubin JW. Echocardiographic detection of an infected superior vena caval thrombus presenting as a right atrial mass. Chest 1989 Jul;96(1):212-4
Dick JD see Hantel A
Dick R see Irving JD
Dick RS, Barold SS. Diltiazem-induced parkinsonism. Am J Med 1989 Jul;87(1):95-6
Dick W see Heinrichs W
Dickerman HW, Martinez HL, Seeger JI, Kumar SA. Estrogen regulation of human breast cancer cell line MCF-7 tissue plasminogen activator. Endocrinology 1989 Jul;125(1):492-500
Dickersin GR see Louis DN
Dickersin K see Hetherington J
Dickinson DF see Qureshi SA
Dickman CA, Rekate HL, Bird CR, Drayer BP, Medina M. Unenhanced and gadolinium-DTPA-enhanced MR imaging in postoperative evaluation in pediatric brain tumors. J Neurosurg 1989 Jul;71(1):49-53
Dickson ER see Grambsch PM
Didier A see Kowalski ML
Didolkar MS, Fitzpatrick JL, Elias EG, Whitley N, Keramati B, Suter CM, Brown S. Risk factors before hepatectomy, hepatic function after hepatectomy and computed tomographic changes as indicators of mortality from hepatic failure. Surg Gynecol Obstet 1989 Jul;169(1):17-26
Dierckx JP see Gris P
Diethelm L see Kersting-Sommerhoff BA
Dietrich RB see Robinson JD
Dietschy JM see Woollett LA
DiFabio RP see Steinach GE
Diffey BL, Farr PM. UVA filters in sunscreen preparations [letter] Lancet 1989 Jul 15;2(8655):170
DiGiovanna T see Kelen GD
Di Gregorio F see Zurlo MG
Dilawari JB, Raju GS, Chawla YK. Development of large spleno-adreno-renal shunt after endoscopic sclerotherapy. Gastroenterology 1989 Aug;97(2):421-6
Di Lelio A, Cestari C, Lomazzi A, Beretta L. Cirrhosis: diagnosis with sonographic study of the liver surface. Radiology 1989 Aug;172(2):389-92
Dill S see Beglinger C
Dilling LA see Booth FA
Dilling LA see Greenberg CR
Dillon J see Floyd RL

Dillon WP see **Aoki S**
Dillon WP see **Som PM**
Dilmen U see **Kaya IS**
Di Lorenzo C see **Rezende-Filho J**
DiMarco JP see **Hays LJ**
di Marzo L see **Farina C**
DiMauro S see **Haller RG**
Dimmick JE, Johnson HW, Coleman GU, Carter M. Wilms tumorlet, nodular renal blastema and multicystic renal dysplasia. J Urol 1989 Aug;142(2 Pt 2):484–5; discussion 489
Dimmitt SB, West JN, Littler WA. Limited value of chest radiography in uncomplicated hypertension [letter] Lancet 1989 Jul 8;2(8654):104
Dinarello CA see **Feingold KR**
Dinarello CA see **Hellerstein MK**
Ding J, Hashimoto H, Enjoji M. Dermatofibrosarcoma protuberans with fibrosarcomatous areas. A clinicopathologic study of nine cases and a comparison with allied tumors. Cancer 1989 Aug 1;64(3):721–9
Dingeldein SA see **Limberg MB**
Dintzis HM see **Dintzis RZ**
Dintzis RZ, Okajima M, Middleton MH, Greene G, Dintzis HM. The immunogenicity of soluble haptenated polymers is determined by molecular mass and hapten valence. J Immunol 1989 Aug 15;143(4):1239–44
Diokno AC see **Brink CA**
Dion R, Verhelst R, Rousseau M, Goenen M, Poulot R, Kestens-Servaye Y, Chalant CH. Sequential mammary grafting. Clinical, functional, and angiographic assessment 6 months postoperatively in 231 consecutive patients. J Thorac Cardiovasc Surg 1989 Jul;98(1):80–8; discussion 88–9
Di Palma A see **Zurlo MG**
Di Perri G see **Vento S**
DiPhillipo MA see **Fry JM**
Director EP see **Kasid A**
di Sant'Agnese PA, de Mesy Jensen KL, Ackroyd RK. Calcitonin, katacalcin, and calcitonin gene-related peptide in the human prostate. An immunocytochemical and immunoelectron microscopic study. Arch Pathol Lab Med 1989 Jul;113(7):790–6
DiScenna AO see **Weissman BM**
Distante A see **Picano E**
Di Stefano M see **Belli L**
Distell BM, Hertzberg BS, Bowie JD. Spontaneous resolution of a cystic neck mass in a fetus with normal karyotype. AJR Am J Roentgenol 1989 Aug;153(2):380–2
Ditschuneit H see **Stange EF**
Dittmann H, Voelker W, Karsch KR, Seipel L. Bilateral atrial myxomas detected by transesophageal two-dimensional echocardiography. Am Heart J 1989 Jul;118(1):172–3
Divon MY see **Guidetti DA**
Dixon MF see **Sobala GM**
Djeu JY see **Wang M**
Dobke MK, Deitch EA, Harnar TJ, Baxter CR. Oxidative activity of polymorphonuclear leukocytes after thermal injury. Arch Surg 1989 Jul;124(7):856–9
Dobrin PB. Pathophysiology and pathogenesis of aortic aneurysms. Current concepts. Surg Clin North Am 1989 Aug;69(4):687–703 (51 ref.)
Docimo SG, Luetic T, Crone RK, Davies P, Reid L, Retik AB, Mandell J. Pulmonary development in the fetal lamb with severe bladder outlet obstruction and oligohydramnios: a morphometric study. J Urol 1989 Aug; 142(2 Pt 2):657–60; discussion 667–8
Docimo SG, Dewolf WC. High failure rate of indwelling ureteral stents in patients with extrinsic obstruction: experience at 2 institutions. J Urol 1989 Aug;142(2):277–9
Dodds WJ see **Logemann JA**
Dodge RK see **Pui CH**
Dodson TB, Perrott DH, Leonard MS. Nonhealing ulceration of oral mucosa. J Oral Maxillofac Surg 1989 Aug; 47(8):849–52
Doebbeling BN, Wenzel RP. Spontaneous streptococcal gangrenous myositis: survival with early debridement. South Med J 1989 Jul;82(7):900–2
Dohlman L see **Sexton J**
Dolgin MJ, Katz ER, Zeltzer LK, Landsverk J. Behavioral distress in pediatric patients with cancer receiving chemotherapy. Pediatrics 1989 Jul;84(1):103–10
Dolins SL see **Salzberg AM**
Doll DC see **Ringenberg QS**
Dollery CT see **Warren JB**
Domschke W see **Ell C**
Donahue PE, Nyhus LM. A prospective study of intraoperative histologic antrum-corpus boundary in patients undergoing highly selective vagotomy for duodenal ulcer [letter] Am J Surg 1989 Jul;158(1):79–80
Donahue TM see **Pudlak KA**
Donaldson DL, Hollowell JG, Pan FP, Gifford RA, Moore WV. Growth hormone secretory profiles: variation on consecutive nights. J Pediatr 1989 Jul;115(1):51–6
Donath J see **Chitkara RK**
Donati F see **Smith CE**
Dondelinger RF see **Irving JD**
Donelson JE see **Wilson ME**
Donnell GN see **Ng WG**
Donohue JH see **Johnson CH**
Donohue-Rolfe A see **Mobassaleh M**
Donoso LA see **Vrabec T**
Donovan AJ see **Berne TV**
Donovan JM see **Haupt G**
Donovan SM, Lönnerdal B. Isolation of the nonprotein nitrogen fraction from human milk by gel-filtration chromatography and its separation by fast protein liquid chromatography. Am J Clin Nutr 1989 Jul;50(1):53–7
Dontigny L see **Baillot R**
Doozis PB, Mondino BJ, Weissman BA, Bruckner DA. Microbial analysis of contact lens care systems contaminated with Acanthamoeba. Am J Ophthalmol 1989 Jul 15;108(1):53–6
Dooley CP see **Rezende-Filho J**
Doornbos L see **Puylaert JB**
Doos WG see **Hesketh PJ**
Doppman JL, Travis WD, Nieman L, Miller DL, Chrousos GP, Gomez MT, Cutler GB Jr, Loriaux DL, Norton JA. Cushing syndrome due to primary pigmented nodular adrenocortical disease: findings at CT and MR imaging. Radiology 1989 Aug;172(2):415–20
Doppman JL, Nieman L, Miller DL, Pass HI, Chang R, Cutler GB Jr, Schaaf M, Chrousos GP, Norton JA, Ziessman HA, et al. Ectopic adrenocorticotropic hormone syndrome: localization studies in 28 patients. Radiology 1989 Jul; 172(1):115–24
Doppman JL see **Maton PN**
Doppman JL see **Perry RR**
Doran A see **Wolkowitz OM**
Doray JL see **Chemtob S**
Dorcester W see **Gocke SE**
Dorey FJ see **Markolf KL**
Dorf ME see **Ishikura H**
Dorfman D see **Koolpe HA**
Dorfman HD see **Hanukoglu A**
Dorland L see **Wanders RJ**
Dorney S see **Hassall E**
Doroshow C see **Smith MS**
Dorros G see **Lewin RF**
Dorsch SE see **Pearce NW**
Dorsey JH see **Baggish MS**
Dorsey MJ, Jones BR. An inexpensive, disposable adapter for increasing the safety of blind nasotracheal intubations [letter] Anesth Analg 1989 Jul;69(1):1001
Dos Santos L see **Sutej PG**
Doshi N see **Mendelson EB**
Dougherty DA, Tower JB. New project to help practitioner competence. J Am Diet Assoc 1989 Jul;89(7):977–8
Dougherty L see **Axel L**
Dougherty TH see **Lantz DA**
Douglas J see **Prentky RA**
Douglas PS, Berman GO, O'Toole ML, Hiller WD, Reichek N. Prevalence of multivalvular regurgitation in athletes. Am J Cardiol 1989 Jul 15;64(3):209–12
Dover R see **Nanchahal J**
Dowling J see **Krozowski ZS**
Dowling PT, Alfonsi G, Brown MI, Culpepper L. An education program to reduce unnecessary laboratory tests by residents. Acad Med 1989 Jul;64(7):410–2
Downes NJ see **Newman CF**
Downey R see **Sultemeier PM**
Downing J. Cardiac rehabilitation services and risk reduction [letter] Ann Intern Med 1989 Aug 1;111(3):258–9
Dowsett JF, Cairns SR, Vaira D, Polydorou AA, Hatfield AR, Russell RC. Endoscopic endoprosthesis insertion following failure of cholecystojejunostomy in pancreatic carcinoma. Br J Surg 1989 May;76(5):454–6
Doyen C see **Marchandise B**
Doyle DJ, Mark PW. Laparoscopy and vagal arrest [letter] Anaesthesia 1989 May;44(5):448
Doze VA, Chen BX, Maze M. Dexmedetomidine produces a hypnotic-anesthetic action in rats via activation of central alpha-2 adrenoceptors. Anesthesiology 1989 Jul;71(1):75–9
Drach GW see **Haupt G**
Drake RE, Osher FC, Wallach MA. Alcohol use and abuse in schizophrenia. A prospective community study. J Nerv Ment Dis 1989 Jul;177(7):408–14
Drannik GN see **Grando SA**
Drayer BP see **Dickman CA**
Drblik SP see **Perrault H**
Dretler SP see **Bhatta KM**
Drexler M see **Mohr-Kahaly S**
Drife JO. The contraceptive pill and breast cancer in young women. BMJ 1989 May 13;298(6683):1269–70 (19 ref.)
Drings P. Preoperative assessment of lung cancer. Chest 1989 Jul;96(1 Suppl):42S–44S (10 ref.)
Driskell JA, McChrisley B, Reynolds LK, Moak SW. Plasma pyridoxal 5'-phosphate concentrations in obese and nonobese black women residing near Petersburg, VA. Am J Clin Nutr 1989 Jul;50(1):37–40
Drobinski G see **Montalescot G**
Drobny E see **Rendell M**
Droegemueller W see **Moore DH**
Droste T. Outplacement services ease a CEO's job search. Hospitals 1989 Jul 5;63(13):81
Drummond AE, Risbridger GP, de Kretser DM. The involvement of Leydig cells in the regulation of inhibin secretion by the testis. Endocrinology 1989 Jul;125(1):510–5
Drummond GB see **Ray DC**
Druschel CM see **Berg CJ**
Druschel CM see **Hale CB**
Drutz DJ see **Frey CL**
Dryja TP see **Howard MA**
du Vivier A see **Adriaans B**
Duane WC see **Day R**
Duara R see **Loewenstein DA**
Duarte D see **Shoemaker WC**
Dubach P see **Gianrossi R**
Dubin SA, McDonald K. Video display for teaching fiberoptic intubations [letter] Anesthesiology 1989 Jul;71(1):167
Dubois C, Bissonnette E, Rola-Pleszczynski M. Platelet-activating factor (PAF) enhances tumor necrosis factor production by alveolar macrophages. Prevention by PAF receptor antagonists and lipoxygenase inhibitors. J Immunol 1989 Aug 1;143(3):964–70
Dubois-Rande JL see **Castaigne AD**
Dubovsky EV see **Russell CD**
Duby AD see **Patel SS**
Duc G see **Boesch C**
Duc G see **Bucher HU**
Ducastelle T see **Marie JP**
Ducharme HM, Murray RD. Obeying the Stanford "concept of proportionality?" [letter] Crit Care Med 1989 Jul; 17(7):711–2
Duchatelet P see **Gris P**
Duchier J see **Safar M**
Duckett JW see **Cendron M**
Duckett JW see **Hollowell JG**
Duckett JW see **Huff DS**
Duckett JW see **Keating MA**
Duckwiler GR see **Robinson JD**
Duerinckx AJ see **Kimme-Smith C**
Duff HJ see **Mitchell LB**
Duff P see **Christian SS**
Duffy FH see **McCarley RW**
Duffy PG see **Wollin M**
Dugernier T see **Lemery R**
Duggan MA, Boras VF, Inoue M, McGregor SE, Robertson DI. Human papillomavirus DNA determination of anal condylomata, dysplasias, and squamous carcinomas with in situ hybridization. Am J Clin Pathol 1989 Jul;92(1):16–21
Duke P see **Helling TS**
Duker JS, Augsburger JJ, Shields JA. Noncontiguous local recurrence of posterior uveal melanoma after cobalt 60 episcleral plaque therapy. Arch Ophthalmol 1989 Jul; 107(7):1019–22
Duker JS, Brown GC. Anterior location of the crossing artery in branch retinal vein obstruction. Arch Ophthalmol 1989 Jul;107(7):998–1000
Dulberg CS see **Kempe A**
Dulli D see **Backonja M**
Dumas M see **Hugon J**
Dumitru D, Walsh NE, Ramamurthy S. The premotor potential. Arch Phys Med Rehabil 1989 Jul;70(7):537–40
Dumont F see **Tocci MJ**
Dumont M see **Poulin R**
Duncan A see **Cobby M**
Duncan AJ see **Stonebridge PA**
Duncan AO, Scalea TM, Sclafani SJ, Phillips TF, Bryan D, Atweh NA, Vieux EE. Evaluation of occult cardiac injuries using subxiphoid pericardial window. J Trauma 1989 Jul; 29(7):955–9; discussion 959–60
Duncan PG see **Lang SA**
Duncan W see **Thomas GM**
Dundas DD see **Page JE**
Dunham CM see **Dalal SA**
Dunkel EC see **Pavan-Langston D**
Dunlap N see **Grizzle WE**
Dunlop W see **Robson SC**
Dunn CW see **Horton JW**
Dunn MA, Sidell FR. Progress in medical defense against nerve agents. JAMA 1989 Aug 4;262(5):649–52 (21 ref.)
Dunn MM see **Martin HG**
Dunn TL see **Kollef MH**
Dunner DL see **Roy-Byrne PP**
Dunnick NR see **Baker ME**
Dunnigan A see **Wessel HU**
Dunning AJ see **van Vlies B**
Dunstan JA see **Ferner RE**
Dupont E see **Gris P**
Dupuis PR see **Lang SA**
Dupuy ME see **Petrakis NL**
Duran M see **Wanders RJ**
Durand M see **Sullivan KJ**
Duray P see **Pachner AR**
Durbin CG Jr see **Kopel RF**
Durham JD, Geller SC, Abbott WM, Shapiro H, Waltman AC, Walker TG, Brewster DC, Athanasoulis CA. Regional infusion of urokinase into occluded lower-extremity bypass grafts: long-term clinical results. Radiology 1989 Jul; 172(1):83–7
Durham RM, Weigelt JA. Monitoring gastric pH levels. Surg Gynecol Obstet 1989 Jul;169(1):14–6
al-Duri Z. Knees with cruciate ligament insufficiencies in a sports injury clinic [letter] Clin Orthop 1989 Jul;(244):309
Duroux P see **Salmeron S**
Durst-Zivkovic B see **Sarajlic M**
Durum SK see **Brody DT**
Dushman-Ellis S see **Ellis SG**
Dutky PA, Stevens SL, Maull KI. Factors affecting rapid fluid resuscitation with large-bore introducer catheters. J Trauma 1989 Jun;29(6):856–60
Dutton JJ. Standardized echography in the diagnosis of lacrimal drainage dysfunction. Arch Ophthalmol 1989 Jul; 107(7):1010–2
Duval AM see **Sasda M**
Duval-Moulin AM see **Castaigne AD**

Duvic M see **Gross DM**
Duwe G see **Strober S**
Düzgüneş N see **Debs RJ**
Dwivedi M see **Misra SP**
Dworetz AR, Moya FR, Sabo B, Gladstone I, Gross I. Survival of infants with persistent pulmonary hypertension without extracorporeal membrane oxygenation. Pediatrics 1989 Jul;84(1):1–6
Dworzack DL, Clark RB, Borkowski WJ Jr, Smith DL, Dykstra M, Pugsley MP, Horowitz EA, Connolly TL, McKinney DL, Hostetler MK, et al. Pseudallescheria boydii brain abscess: association with near-drowning and efficacy of high-dose, prolonged miconazole therapy in patients with multiple abscesses. Medicine (Baltimore) 1989 Jul; 68(4):218–24
Dwyer EM Jr see **Krone RJ**
Dwyer SJ 3d see **Lee KR**
Dyckmans J see **Ozbek C**
Dyer C. Right to die [news] BMJ 1989 Apr 29; 298(6681):1133–4
Dykes EH, Spence LJ, Bohn DJ, Wesson DE. Evaluation of pediatric trauma care in Ontario. J Trauma 1989 Jun; 29(6):724–9
Dykstra M see **Dworzack DL**
Dyrberg T see **Atar D**
Dyrek DA see **Harris BA**
Dyro FM see **Bauer SB**
Dyson AE see **Gravdal JA**
Dyste GN, Menezes AH, VanGilder JC. Symptomatic Chiari malformations. An analysis of presentation, management, and long-term outcome. J Neurosurg 1989 Aug; 71(2):159–68
Dzelzkalns RR see **Stanley TH**

E

Earls F, Robins LN, Stiffman AR, Powell J. Comprehensive health care for high-risk adolescents: an evaluation study. Am J Public Health 1989 Aug;79(8):999–1005
Earp JA see **Sawyer JA**
Easley JD see **Gervasi LA**
Easley JD see **Meacham RB**
East KA see **Stanley TH**
Eastlick L see **Gupta BK**
Eastman E see **Spain C**
Eastwood TF see **Guidry JR**
Eaton E see **Bridge TP**
Eaton M, Cohen MT, Shlim DR, Innes B. Ciprofloxacin treatment of typhus [letter] JAMA 1989 Aug 11; 262(6):772–3
Ebenezer MR see **Bell TA**
Eberhard ML, Hurwitz H, Sun AM, Coletta D. Intestinal perforation caused by larval Eustrongylides (Nematoda: Dioctophymatoidae) in New Jersey. Am J Trop Med Hyg 1989 Jun;40(6):648–50
Ebers GC see **Noseworthy JH**
Ebert E see **Karp RJ**
Ebling FJ, Schwartz ML, Foster DL. Endogenous opioid regulation of pulsatile luteinizing hormone secretion during sexual maturation in the female sheep. Endocrinology 1989 Jul;125(1):369–83
Ebling FJ, Wood RI, Suttie JM, Adel TE, Foster DL. Prenatal photoperiod influences neonatal prolactin secretion in the sheep. Endocrinology 1989 Jul;125(1):384–91
Ebling FJ see **Foster DL**
Ebling FJ see **Landefeld TD**
Ebraheim NA see **Zeiss J**
Echternach JL, Rothstein JM. Hypothesis-oriented algorithms. Phys Ther 1989 Jul;69(7):559–64
Eckardt G see **Tait B**
Eckberg DL see **Smith ML**
Eckenhoff JE see **Saidman LJ**
Ecker RR see **Young JN**
Economidou I see **Manousos O**
Eddy AC see **Kerr BM**
Eddy DM. Screening for lung cancer. Ann Intern Med 1989 Aug 1;111(3):232–7 (27 ref.)
Edelhauser HF see **McDermott ML**
Edelman RR, Wentz KU, Mattle H, Zhao B, Liu C, Kim D, Laub G. Projection arteriography and venography: initial clinical results with MR. Radiology 1989 Aug; 172(2):351–7
Edelstein SL see **MacKenzie EJ**
Eder C see **Rando RF**
Eder C see **Sedlacek TV**
Edington JD, Geekie M, Carter R, Benfield L, Ball M, Mann J. Serum lipid response to dietary cholesterol in subjects fed a low-fat, high-fiber diet. Am J Clin Nutr 1989 Jul; 50(1):58–62
Edmeads J. The worst headache ever. 1. Ominous causes. Postgrad Med 1989 Jul;86(1):93–6, 103–4 (12 ref.)
Edmeads J. The worst headache ever. 2. Innocuous causes. Postgrad Med 1989 Jul;86(1):107–10 (5 ref.)
Edmonson JM. Charles Spencer (1813–1881), microscope maker. J Lab Clin Med 1989 Jul;114(1):93–4
Edwards BS, Nolla HA, Hoffman RR. Relationship between target cell recognition and temporal fluctuations in intracellular Ca2+ of human NK cells. J Immunol 1989 Aug 1;143(3):1058–65
Edwards DB. Collagenous colitis and histiocytic lymphoma [letter] Ann Intern Med 1989 Aug 1;111(3):260–1
Edwards J see **Geller RB**
Edwards KM see **Bogue CW**
Edwards M see **Aoki S**
Edwards ME, Harris RD, Spiegel PK. Offset electrocardiographic electrode simulating a pulmonary nodule on radiographs. Radiology 1989 Jul;172(1):281–2
Edwards MS see **King MA**
Edwards OP see **Noe HN**
Edwards PH see **Finlay AY**
Edwards S see **Arquilla ER**
Edwards S see **Hollands MJ**
Eftekhari F see **Stewart RR**
Egashira S, Tomoike H, Nishijima H, Adachi H, Nakamura M. Effects of ionic and nonionic contrast media on coronary diameter and blood flow in chronically instrumented dogs. Am Heart J 1989 Jul;118(1):39–46
Egerdie RB, Reid G, Trachtenberg J. The effect of liposome encapsulated antineoplastic agents on transitional cell carcinoma in tissue culture. J Urol 1989 Aug;142(2):390–8
Ehlers KH see **Ichida F**
Ehlert TK see **Thomas JR**
Ehnholm C see **Kahri AI**
Ehninger G, Jaschonek K, Schuler U, Krüger HU. Interaction of fluconazole with cyclosporin [letter] Lancet 1989 Jul 8;2(8654):104–5
Ehrenberg BL see **Young WB**
Ehrengruber H see **Schlapbach P**
Ehrlich CE see **Sutton GP**
Ehrlich RM, Reda EF, Koyle MA, Kogan SJ, Levitt SB. Complications of bladder mucosal graft. J Urol 1989 Aug; 142(2 Pt 2):626–7; discussion 631
Ehrlich RM see **Pascual JA**
Eichhorn EJ see **Popma JJ**
Eidt J see **Willerson JT**
Eidt JF, Allison P, Noble S, Ashton J, Golino P, McNatt J, Buja LM, Willerson JT. Thrombin is an important mediator of platelet aggregation in stenosed canine coronary arteries with endothelial injury. J Clin Invest 1989 Jul;84(1):18–27
Eigenbrodt EH see **Palmer BF**
Eigler N see **Litvack F**
Einerson TR see **Koren G**
Eisenberg AD, Winfield AC, Page DL, Holburn GE, Schifter T, Segars JH. Peritoneal reaction resulting from iodinated contrast material: comparative study. Radiology 1989 Jul; 172(1):149–51
Eisenberg E, Lieblich S, Glogoff M. Facial swelling in an adolescent female [clinical conference] J Oral Maxillofac Surg 1989 Aug;47(8):843–8
Eisenberg M see **Kern IB**
Eisenberg S see **Brinton EA**
Ekberg O see **Levine MS**
Ekelman BL see **Weissman BM**
Ekelund LG see **Hinderliter AL**
Ekholm BP see **Holtzman JL**
Ekstrand A see **Eriksson J**
Ekström L see **Herlitz J**
Eldridge R, Denckla MB, Bien E, Myers S, Kaiser-Kupfer MI, Pikus A, Schlesinger SL, Parry DM, Dambrosia JM, Zasloff MA, et al. Neurofibromatosis type 1 (Recklinghausen's disease). Neurologic and cognitive assessment with sibling controls. Am J Dis Child 1989 Jul; 143(7):833–7
Elfving P see **Lundgren R**
Elger WA see **Puri CP**
Elhilali MM see **Houle AM**
Elias E see **Adams DH**
Elias EG see **Didolkar MS**
Elias JM, Margiotta M, Gabor D. Sensitivity and detection efficiency of the peroxidase antiperoxidase (PAP), avidin-biotin peroxidase complex (ABC), and peroxidase-labeled avidin-biotin (LAB) methods. Am J Clin Pathol 1989 Jul;92(1):62–7
Eliasoph J see **Glicklich M**
Eliopulos GA see **Brower KJ**
Elizondo G see **Fretz CJ**
Elkins TE, Andersen HF, Barclay M, Mason T, Bowdler N, Anderson G. Court-ordered cesarean section: an analysis of ethical concerns in compelling cases. Am J Obstet Gynecol 1989 Jul;161(1):150–4
Elkins TE see **McNeeley SG**
Ell C, Kerzel W, Langer H, Heyder N, Foerster E, Domschke W. Fragmentation of biliary calculi by means of extracorporeally generated piezoelectric shock waves. Dig Dis Sci 1989 Jul;34(7):1006–10
Ell C see **Iro H**
Ellenberg M see **Hurvitz EA**
Ellenbogen A, Shulman A, Libal Y, Jaschevatzky O, Anderman S, Grunstein S. Complication of triptorelin treatment for uterine myomas [letter] Lancet 1989 Jul 15;2(8655):167–8
Ellenbogen KA, Kapadia K, Walsh M, Mohanty PK. Increase in plasma atrial natriuretic factor during ventriculoatrial pacing. Am J Cardiol 1989 Jul 15;64(3):236–7
Ellenbogen KA see **Mohanty PK**
Ellenbogen KA see **Smith ML**
Elliott BM see **Robison JG**
Elliott CG see **Ghio AJ**
Elliott DC, Beam TE, Denapoli TS. Hernia uterus inguinale associated with unicornuate uterus. Arch Surg 1989 Jul; 124(7):872–3
Elliott RL. Mammography screening in women under age 50 (a clinician's viewpoint) [letter] South Med J 1989 Jul; 82(7):931–2
Ellis BI see **Katz ME**
Ellis E 3d see **Ghali GE**
Ellis IO see **Waldock A**
Ellis SG, Fisher L, Dushman-Ellis S, Pettinger M, King SB 3d, Roubin GS, Alderman E. Comparison of coronary angioplasty with medical treatment for single- and double-vessel coronary disease with left anterior descending coronary involvement: long-term outcome based on an Emory-CASS registry study. Am Heart J 1989 Aug;118(2):208–20
Ellis SG see **Kander NH**
Ellis SG see **Muller DW**
Ellis WC see **Lichtig LK**
Ellison N see **Jobes DR**
Eliner JJ see **Wallis RS**
Elisbury K see **Schneeweiss R**
Elmér O see **Blomquist S**
Elpeleg ON see **Hurvitz H**
Elwood PC see **Fehily AM**
Emans SJ see **Davis AJ**
Embleton J see **Waldock A**
Emerson TE Jr. Unique features of albumin: a brief review. Crit Care Med 1989 Jul;17(7):690–4 (65 ref.)
Emery JR see **Peabody JL**
Emery P see **Tait B**
Emery VC see **Webster A**
Emmanuel JC, Bassett MT, Smith HJ, Patterson LE. Prevalence of HTLVI in Zimbabwe: a pilot survey [letter] J Clin Pathol 1989 Jun;42(6):669–70
Emmerson AM see **Barr JG**
Enarson DA see **Chan-Yeung M**
Enck P see **Frieling T**
Enderle EE, Groher ME. Facilitating training in tracheoesophageal prosthesis placement. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):853–5
Endicott J see **Coryell W**
Endicott J see **Halbreich U**
Endo F see **Motohara K**
Endo M, Kawano N, Miyaska Y, Yada K. Cranial burr hole for revascularization in moyamoya disease. J Neurosurg 1989 Aug;71(2):180–5
Endo M see **Yamaki S**
Engel J Jr see **Rausch R**
Engel WK see **Tomé FM**
Engelberg J see **Romond EH**
Engelhard D, Cohen D, Strauss N, Sacks TG, Jorczak-Sarni L, Shapiro M. Randomised study of myringotomy, amoxycillin/clavulanate, or both for acute otitis media in infants. Lancet 1989 Jul 15;2(8655):141–3
Engelhard HH 3d, Butler AB 4th, Bauer KD. Quantification of the c-myc oncoprotein in human glioblastoma cells and tumor tissue. J Neurosurg 1989 Aug;71(2):224–32
Engelhard VH see **Shimojo N**
Engels JT, Balfe DM, Lee JK. Biliary carcinoma: CT evaluation of extrahepatic spread. Radiology 1989 Jul; 172(1):35–40
Engle MA see **Fatica NS**
Engle MA see **Ichida F**
Engler C see **Zahr L**
Engstrom PF see **Rimer BK**
Enjoji M see **Ding J**
Enneking WF see **Heare TC**
Ennix CL Jr see **Young JN**
Ensink B see **Weyland A**
Ensley JF see **de Braud F**
Enterline HT see **Shiraki M**
Enthoven A. NHS review. Words from the source: an interview with Alain Enthoven [interview by Robert Smith] BMJ 1989 Apr 29;298(6681):1166–8
Enzenauer RW see **Sieck EA**
Enzinger FM see **Shiraki M**
Epker BN, Stella JP. Transoral submental lipectomy: an adjunct to orthognathic surgery. J Oral Maxillofac Surg 1989 Aug;47(8):795–803
Eppert D see **Hoit BD**
Eppler M see **Leist TP**
Epshtein EV see **Grando SA**
Epstein CJ see **Berger CN**
Epstein DH, Hunter DW, Coleman CC, Derauf BJ, Krenzel C, Schlam BW, Moradian GP, Castaneda F, Castaneda-Zuniga WR, Amplatz K. Double-lumen needle for percutaneous ureteral pressure-flow studies. Radiology 1989 Aug;172(2):569–70
Epstein DH, Darcy MD, Hunter DW, Coleman CC, Tadavarthy SM, Murray PD, Castaneda-Zuniga WR, Amplatz K. Experience with the Amplatz retrievable vena cava filter. Radiology 1989 Jul;172(1):105–10
Epstein J see **Wong F**
Epstein LG see **Mintz M**
Epstein P see **Hu H**
Epstein SE, Quyymi AA, Bonow RO. Sudden cardiac death without warning. Possible mechanisms and implications for screening asymptomatic populations. N Engl J Med 1989 Aug 3;321(5):320–4
Erbel R see **Mohr-Kahaly S**
Ercilla G see **Cid MC**
Erickson D, Bartholomew T, Marlin A. Sonographic evaluation and conservative management of newborns with myelomeningocele and hydronephrosis. J Urol 1989 Aug; 142(2 Pt 2):592–4; discussion 603–5
Eriksen G see **Børlum KG**
Eriksson J, Franssila-Kallunki A, Ekstrand A, Saloranta C,

Widén E, Schalin C, Groop L. Early metabolic defects in persons at increased risk for non-insulin-dependent diabetes mellitus. N Engl J Med 1989 Aug 10;321(6):337–43
Erlendsson K see Steinsson K
Erramouspe J, Boe RW, Fischel DR, Hardin CA, Hogan WE, Yost CC, Casperson KL. Office-based medication dispensing: another consideration [letter] Pediatrics 1989 Aug;84(2):400
Ershow AG see Brinton LA
Ertan A, Hernandez RE, Schade RR, Van Thiel DH. Who should conduct extracorporeal shock-wave biliary lithotripsy studies? Dig Dis Sci 1989 Jul;34(7):996–8
Ertan A see Burnett D
Escala J see Keating MA
Eschbach JW, Kelly MR, Haley NR, Abels RI, Adamson JW. Treatment of the anemia of progressive renal failure with recombinant human erythropoietin. N Engl J Med 1989 Jul 20;321(3):158–63
Escolar G, Cases A, Monteagudo J, Garrido M, Lopez J, Ordinas A, Revert L, Castillo R. Uremic plasma after infusion of desmopressin (DDAVP) improves the interaction of normal platelets with vessel subendothelium. J Lab Clin Med 1989 Jul;114(1):36–42
Eshghi M see Lastarria E
Esposito AL, Poirier WJ, Clark CA, Brown ML. The release of neutrophil chemoattractant activity by bronchoalveolar macrophages from adult and senescent mice. J Gerontol 1989 Jul;44(4):B93–9
Esser AF see Laine RO
Essig B see Aledort LM
Estabrook RW see Haller RG
Estabrooks CA. Touch: a nursing strategy in the intensive care unit. Heart Lung 1989 Jul;18(4):392–401
Esterhai JL see Zlatkin MB
Estes NA 3d see Manolis AS
Estévez J see Morales LM
Estienne MJ, Schillo KK, Green MA, Boling JA. Free fatty acids suppress growth hormone, but not luteinizing hormone, secretion in sheep. Endocrinology 1989 Jul; 125(1):85–91
Estineh N see Maajedi MR
Etcheparre JJ see Benezech M
Ethevenot G see Isaaz K
Etzkorn JR see McGuire MH
Eubanks P. Catastrophic Act threatens long-stay hospitals. Hospitals 1989 Jul 5;63(13):72
Eurman DW, Potash HI, Eyler WR, Paganussi PJ, Beute GH. Chest pain and dyspnea related to "crack" cocaine smoking: value of chest radiography. Radiology 1989 Aug; 172(2):459–62
Evans A see D'Angio GJ
Evans DL see Harris DT
Evans GF see Zuckerman SH
Evans GW see Howard G
Evans HL see Lorigan JG
Evans J, Clarke T, Mattacks CA, Pond CM. Dermatofibromas and arthropod bites: is there any evidence to link the two? Lancet 1989 Jul 1;2(8653):36–7
Evans JH see Resnick MB
Evans JI see Montalescot G
Evans M, Walker-Smith J. Recording growth and development in children with inflammatory bowel disease [letter] BMJ 1989 May 13;298(6683):1312–3
Evans M see Herrington CS
Evans OM see Goldie PA
Evans SJ see Ball AB
Evans SR see Holt RW
Evans WK. Adjuvant therapy for non-small cell lung cancer. Chest 1989 Jul;96(1 Suppl):87S–91S (29 ref.)
Ever-Hadani P see Seidman DS
Ewald FW see Matthews JI
Exelby P see LaQuaglia MP
Exner T see Fulcher D
Eyer SD see Snyder CL
Eyler WR see Eurman DW
Ezine S see Bauvois B

F

Fabbiocchi F see DeCesare N
Fabbri R see Porcu E
Fabrega H Jr. Cultural relativism and psychiatric illness. J Nerv Ment Dis 1989 Jul;177(7):415–25; discussion 426–30 (120 ref.)
Fabris N see Mocchegiani E
Facchetti F, de Wolf-Peeters C, van den Oord JJ, de Vos R, Desmet VJ. Plasmacytoid monocytes (so-called plasmacytoid T-cells) in Kikuchi's lymphadenitis. An immunohistologic study. Am J Clin Pathol 1989 Jul; 92(1):42–50
Fachal C see Nistal M
Faerber EN see Raphael SA
Fagan JE see Leung AK
Fagard R, Van den Broeke C, Amery A. Left ventricular dynamics during exercise in elite marathon runners. J Am Coll Cardiol 1989 Jul;14(1):112–8
al Fagih MR see Ali Khan MA
Fahey MR, Sessler DI, Cannon JE, Brady K, Stoen R, Miller RD. Atracurium, vecuronium, and pancuronium do not alter the minimum alveolar concentration of halothane in humans. Anesthesiology 1989 Jul;71(1):53–6
Fainstein V see Chu DZ
Fair DS see Idell S
Fairbarn MS see Morrison NJ
Fairclough PD see Murray A
Fairman RP see Bechard DE
Faisal MA see Gendler SL
Fakhry J, Khoury A, Barakat K. The hypoechoic band: a normal finding on testicular sonography. AJR Am J Roentgenol 1989 Aug;153(2):321–3
Falanga V see Rae V
Falchetti A see Friedman E
Falchetti M see Nicolai P
Falender LG, Barbieri D, Leban SG. Gas-producing necrotizing fasciitis following mandibular fracture. J Oral Maxillofac Surg 1989 Aug;47(8):856–9
Falk RH. Flecainide-induced ventricular tachycardia and fibrillation in patients treated for atrial fibrillation. Ann Intern Med 1989 Jul 15;111(2):107–11
Falk W, Männel DN, Darjes H, Krammer PH. IL-1 induces high affinity IL-2 receptor expression of CD4-8- thymocytes. J Immunol 1989 Jul 15;143(2):513–7
Falloon M see Mitchell DG
Falloon J see Masur H
Fan ST see Lai EC
Fanconi S see Bucher HU
Fanelli R see Benigni A
Fang SL see Köhrle J
Fanning TV see Sneige N
Fantozzi R see Freimark B
Farber CM see Van Vooren JP
Farber NE, Gross GJ. Prostaglandin E1 attenuates postischemic contractile dysfunction after brief coronary occlusion and reperfusion. Am Heart J 1989 Jul; 118(1):17–24
Farina C, Cavallaro A, Schultz RD, Feldhaus RJ, di Marzo L. Popliteal aneurysms. Surg Gynecol Obstet 1989 Jul; 169(1):7–13
Farkas IE see Tulassay Z
Farley TA, Gillespie S, Rasoulpour M, Tolentino N, Hadler JL, Hurwitz E. Epidemiology of a cluster of Henoch-Schönlein purpura. Am J Dis Child 1989 Jul; 143(7):798–803
Farmer TW, Wingfield MS, Lynch SA, Vogel FS, Hulette C, Katchinoff B, Jacobson PL. Ataxia, chorea, seizures, and dementia. Pathologic features of a newly defined familial disorder. Arch Neurol 1989 Jul;46(7):774–9
Faro S see Martens MG
Farr PM see Diffey BL
Farrar WB see Nieroda CA
Farrar WL see Ferris DK
Farrell M see Strang J
Farzadegan H see Miotti PG
Fass DN see Bahou WF
Fassoulaki A, Pamouktsoglou P. Prolonged nasotracheal intubation and its association with inflammation of paranasal sinuses. Anesth Analg 1989 Jul;69(1):916–8
Fath JJ see Delius RE
Fath JJ see Sims DW
Fatica NS, Ichida F, Engle MA, Lesser ML. Rug shampoo and Kawasaki disease. Pediatrics 1989 Aug;84(2):231–4
Fatica NS see Ichida F
Fauci AS see Clouse KA
Faude J see Wilson A
Faugere MC see Malluche HH
Faull KF see Stahl SM
Faust KB see Murphy DW
Faux SF see McCarley RW
Fava GA, Grandi S, Saviotti FM, Bartolucci G, Savron G, Conti S. Blood-injury phobia [letter] Am J Psychiatry 1989 Jul;146(7):948–9
Fava M, Copeland PM, Schweiger U, Herzog DB. Neurochemical abnormalities of anorexia nervosa and bulimia nervosa. Am J Psychiatry 1989 Aug;146(8):963–71 (98 ref.)
Favors S see Remmler D
Favre J see Meier B
Favus LH, Kaplan EL, Schneider AB, Favus MJ. Recurrent parathyroid cystic disease. Am Fam Physician 1989 Jul; 40(1):119–22 (10 ref.)
Favus MJ see Favus LH
Faxon DP see Bergelson BA
Fazzalari NL see Koszyca B
Fealey RD, Low PA, Thomas JE. Thermoregulatory sweating abnormalities in diabetes mellitus. Mayo Clin Proc 1989 Jun;64(6):617–28
Fearnow EC, DeLuca SA. Esophageal varices. Am Fam Physician 1989 Jul;40(1):107–8
Fechner RE see Coe MR
Feczko PJ, Simms SM, Bakirci N. Fatal hypersensitivity reaction during a barium enema. AJR Am J Roentgenol 1989 Aug;153(2):275–6
Feenstra BW see Vermeij CG
Fehily AM, Elwood PC, Yarnell JW. Cigarettes and heart disease [letter] Lancet 1989 Jul 8;2(8654):114–5
Fehr R see Bemis C
Fehrentz D see Keilholz U
Felder HK see Czarnecki DJ
Feighery C see Soden M
Feingold KR, Soued M, Serio MK, Moser AH, Dinarello CA, Grunfeld C. Multiple cytokines stimulate hepatic lipid synthesis in vivo. Endocrinology 1989 Jul;125(1):267–74
Feingold M see Demmler GJ
Feinmehl RI see Tompkins MB
Feinstein AR, Fisher MB, Pigeon JG. Changes in dyspnea-fatigue ratings as indicators of quality of life in the treatment of congestive heart failure. Am J Cardiol 1989 Jul 1;64(1):50–5
Feiring AJ see Rumberger JA
Feit F see Rentrop KP
Feitz WF see Kirkels WJ
Feld MS see Richards-Kortum R
Feld R. Quality of life assessment in patients with carcinoma of the lung. Chest 1989 Jul;96(1 Suppl):105S–107S (11 ref.)
Feld R see Klastersky J
Feld RJ see van der Starre PJ
Felder DS see Bullock JD
Feldhaus RJ see Farina C
Feldman AM see Kessler PD
Feldman D see Bruns DE
Feldman DS see Smith DK
Feldman EB see Smith DK
Feldman HR see Hyman RB
Feldman M, Moura R, Sharon D, Daly J, Lynch M, Worthington M. A model for cost evaluation of new antibiotics [letter] Arch Intern Med 1989 Jul;149(7):1698
Feldman M see Fitzgerald-Bocarsly P
Feldman S see Kohl S
Feldman T see Grim PS
Feldmann M see Hewitt CR
Felicetta JV see Imam K
Feliciano DV, Pachter HL. Hepatic trauma revisited. Curr Probl Surg 1989 Jul;26(7):453–524 (188 ref.)
Fellenius J see Bates S
Felsberg G see Schweitzer ME
Felton CP see Brown LS Jr
Fendly B see Debs RJ
Fendrich R see Gazzaniga MS
Feng T see Lindsay MK
Fenner DE see Foster DL
Fentiman IS see van Dongen JA
Fenves AZ see Boelaert JR
Fenzi G see Betterle C
Ferenci P see Vogelsang H
Ferenz CC, Tozzi JM. Sepsis due to an infected pseudocyst of hemophilia. A case report. Clin Orthop 1989 Jul; (244):254–7
Ferguson A see Logan RF
Ferguson DW, Berg WJ, Sanders JS, Roach PJ, Kempf JS, Kienzle MG. Sympathoinhibitory responses to digitalis glycosides in heart failure patients. Direct evidence from sympathetic neural recordings. Circulation 1989 Jul; 80(1):65–77
Ferguson IK see Chin JL
Ferguson MK see Vokes EE
Ferguson TA, Hayashi JD, Kaplan HJ. The immune response and the eye. III. Anterior chamber-associated immune deviation can be adoptively transferred by serum. J Immunol 1989 Aug 1;143(3):821–6
Ferguson TJ see McCurdy SA
Ferlinz R see Müller-Quernheim J
Fernandes J see Bijleveld CM
Fernandez E see Parsons PE
Fernandez JA, Carson CC. Caliceal colic: fact or fiction. J Urol 1989 Aug;142(2):257–8
Fernandez JF see Venkatesh S
Fernandez N see Labeta MO
Fernández-Espina MR see Martínez-Ródenas F
Fernbach D see D'Angio GJ
Ferner R see Thompson AJ
Ferner RE, Dunstan JA, Chaplin S, Baird GM. Drugs in donated blood. Lancet 1989 Jul 8;2(8654):93–4
Fernie B see Clouse KA
Ferran C see Chatenoud L
Ferrannini E see Groop LC
Ferrara F, Del Vecchio L, Mele G, Rametta V, Ronconi F, Montuori R. A new combination chemotherapy for advanced chronic lymphocytic leukemia (vincristine, cyclophosphamide, melphalan, peptichemio, and prednisone protocol). Cancer 1989 Aug 15;64(4):789–92
Ferrara JJ see Le T
Ferrara JJ see Vijayakumar HR
Ferrara P see Labeta MO
Ferrara PJ see Nieroda CA
Ferrari ND 3d, Shumway JM. Combined internal medicine/pediatric residency training programs. Pediatrics 1989 Jul;84(1):94–7
Ferreira DF see de Paola AA
Ferris DK, Willette-Brown J, Ortaldo JR, Farrar WL. IL-2 regulation of tyrosine kinase activity is mediated through the p70-75 beta-subunit of the IL-2 receptor. J Immunol 1989 Aug 1;143(3):870–6
Ferron S see Kostuik JP
Ferrucci JT Jr see Fretz CJ
Ferry AP. 125th anniversary of the New York Ophthalmological Society. Am J Ophthalmol 1989 Jul 15; 108(1):97–9
Ferschke I see Seitz HK
Feruglio C see Trentin L
Festenstein H see Labeta MO
Fetter J see Benditt DG
Feyerabend A see Lear JL
Feyerabend T see Sold MJ
Feyi-Waboso M. Traditional birth attendants [letter] Lancet 1989 Jul 15;2(8655):162
Fiarman GS see Berkowitz GS

Fibuch EE, Opper SE. Back pain following epidurally administered Nesacaine-MPF. Anesth Analg 1989 Jul; 69(1):979-81
Fick GH see Robinson VJ
Fick RB Jr. Pathogenesis of the pseudomonas lung lesion in cystic fibrosis. Chest 1989 Jul;96(1):158-64 (39 ref.)
Fiddian-Green RG see Fink MP
Fiegel V see Bankey P
Field EH see Futran J
Fielding J see Lyons D
Fielding JW see Crowson MC
Fields CD see Rosenfield K
Fields CL, Ossorio MA, Roy TM. Empyema associated with pulmonary sporotrichosis. South Med J 1989 Jul; 82(7):910-3
Fields S see Roisman I
Fiers W see Vanhaesebroeck B
Fifer MA see Aroney CN
Figdor CC see Pals ST
Figge DC see Cain JM
Filicori M see Hopkins CC
Filipe I see Hollands MJ
Fillit H, Fruchtman S, Seil L, Rosen N. AIDS in the elderly: a case and its implications. Geriatrics 1989 Jul;44(7):65-8, 70
Filly RA. Radiology residency training in diagnostic sonography: recommendations of the Society of Radiologists in Ultrasound [letter] Radiology 1989 Aug; 172(2):577
Filly RA, Cardoza JD, Goldstein RB, Barkovich AJ. Detection of fetal central nervous system anomalies: a practical level of effort for a routine sonogram [see comments] Radiology 1989 Aug;172(2):403-8. **Comment in:** Radiology 1989 Aug;172(2):309-311
Filly RA. Level 1, level 2, level 3 obstetric sonography: I'll see your level and raise you one [editorial] Radiology 1989 Aug;172(2):312
Filly RA see Goldstein RB
Finch JS see Kennedy TP
Fincher RM see Rogers LQ
Finci L see Meier B
Findler G see Hercbergs AA
Findley H see Nasr S
Findling JW see Lewin RF
Fine G see Robbins AS
Fine J see Hu H
Fine JD, Stenn J, Johnson L, Wright T, Bock HG, Horiguchi Y. Autosomal recessive epidermolysis bullosa simplex. Generalized phenotypic features suggestive of junctional or dystrophic epidermolysis bullosa, and association with neuromuscular diseases. Arch Dermatol 1989 Jul; 125(7):931-8 (18 ref.)
Fineberg NS see Golden MP
Fineberg NS see Stanton MS
Finerty EJ see Selby ML
Fink MP, Cohn SM, Lee PC, Rothschild HR, Deniz YF, Wang H, Fiddian-Green RG. Effect of lipopolysaccharide on intestinal intramucosal hydrogen ion concentration in pigs: evidence of gut ischemia in a normodynamic model of septic shock. Crit Care Med 1989 Jul;17(7):641-6
Finkbeiner W see Byrd BF 3d
Finkbeiner WE see Saeed M
Finkel MA. Anogenital trauma in sexually abused children. Pediatrics 1989 Aug;84(2):317-22
Finkelman FD see Fultz M
Finkelstein D see Kuchar DL
Finkelstein D see Peteet JR
Finkelstein JL see Madden MR
Finkelstein MM. Mortality rates among employees potentially exposed to chrysotile asbestos at two automotive parts factories. Can Med Assoc J 1989 Jul 15; 141(2):125-30
Finlay AY, Edwards PH, Harding KG. "Fingertip unit" in dermatology [letter] Lancet 1989 Jul 15;2(8655):155
Finley D see Holtzman JL
Finley JL see Marcuard SP
Finster M see Morishima HO
Finster M see Pedersen H
Fiolet JW see Coronel R
Fiore MC see Hatziandreu EJ
Firestein GS, Roeder WD, Laxer JA, Townsend KS, Weaver CT, Hom JT, Linton J, Torbett BE, Glasebrook AL. A new murine CD4+ T cell subset with an unrestricted cytokine profile. J Immunol 1989 Jul 15;143(2):518-25
Firlit CF see Smith FL
Firmin DN see Bogren HG
Firschein HE see Anderson JJ
Firth R. Write a job description. BMJ 1989 May 13; 298(6683):1306-7
Fisch RZ, Lahad A. Adverse psychiatric reaction to ketoconazole [letter] Am J Psychiatry 1989 Jul;146(7):939
Fischel DR see Erramouspe J
Fischer AC, Laulis MK, Horwitz L, Beschorner WE, Hess A. Host resistance to cyclosporine induced syngeneic graft-versus-host disease. Requirement for two distinct lymphocyte subsets. J Immunol 1989 Aug 1;143(3):827-32
Fischer JE see Benson DW
Fischer RP see Lagerstrom CF
Fisher CM. 'Catatonia' due to disulfiram toxicity. Arch Neurol 1989 Jul;46(7):798-804
Fisher EJ see McIlroy MA
Fisher GC, Ray DA. Airway obstruction in epidermolysis bullosa [letter] Anaesthesia 1989 May;44(5):449
Fisher L see Ellis SG
Fisher LD see DeWood MA
Fisher MB see Feinstein AR
Fisher MM, Bowey CJ, Ladd-Hudson K. External chest compression in acute asthma: a preliminary study. Crit Care Med 1989 Jul;17(7):686-7
Fisher PR see Swett HA
Fisher RS see Meyers FA
Fisher SG see Yegelwel EJ
Fisman EZ, Kellermann JJ. Does exercise training deteriorate ventricular function? [letter] J Am Coll Cardiol 1989 Jul; 14(1):263-4
Fitch MD see Fleming SE
Fitz CR see Taylor GA
Fitzgerald RH Jr see McDonald DJ
Fitzgerald-Bocarsly P, Feldman M, Curl S, Schnell J, Denny T. Positively selected Leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected Raji. J Immunol 1989 Aug 15;143(4):1318-26
Fitzpatrick AP, Sutton R. Tilt-induced syncope [letter] N Engl J Med 1989 Aug 3;321(5):331
Fitzpatrick JE. Common inflammatory skin diseases of the elderly. Geriatrics 1989 Jul;44(7):40-6 (18 ref.)
Fitzpatrick JL see Didolkar MS
Flake AW see Verrier ED
Flaker GC, Schuder JC, McDaniel WC, Stoeckle H, Dbeis M. Superiority of biphasic shocks in the defibrillation of dogs by epicardial patches and catheter electrodes. Am Heart J 1989 Aug;118(2):288-91
Flamigni C see Porcu E
Flanagan ME see Harviel JD
Flanders KC see Lafyatis R
Flandrin G see Bennett JM
Flanigan DP see Schwarcz TH
Flannery AM see Fuchs S
Flaskerud JH, Rush CE. AIDS and traditional health beliefs and practices of black women. Nurs Res 1989 Jul-Aug; 38(4):210-5
Flatow EL, Bigliani LU, April EW. An anatomic study of the musculocutaneous nerve and its relationship to the coracoid process. Clin Orthop 1989 Jul;(244):166-71
Flaumenhaft C see Flaumenhaft E
Flaumenhaft E, Flaumenhaft C. American nursing's first textbooks. Nurs Outlook 1989 Jul-Aug;37(4):185-8
Flavell RA see Verland S
Fleck DG see Joynson DH
Fleischer A, Khafif R. Reconstruction of the mediastinal trachea with a tubed pectoralis major myocutaneous flap. Plast Reconstr Surg 1989 Aug;84(2):342-6
Fleischer DE see Choe AI
Fleischner GM see Dauber LG
Fleiszer D see Pal J
Fleming SE, Fitch MD, Chansler MW. High-fiber diets: influence on characteristics of cecal digesta including short-chain fatty acid concentrations and pH. Am J Clin Nutr 1989 Jul;50(1):93-9
Flemström G, Jedstedt G. Stimulation of duodenal mucosal bicarbonate secretion in the rat by brain peptides. Gastroenterology 1989 Aug;97(2):412-20
Fletcher EC. Recurrence of sleep apnea syndrome following tracheostomy. A shift from obstructive to central apnea. Chest 1989 Jul;96(1):205-9
Fletcher HJ, Fraser EM. Prevalence of reflex anal dilatation [letter] BMJ 1989 May 13;298(6683):1312
Fletcher JC see Truog RD
Fletcher RH see Sawyer JA
Flick GR, Bellamy PE, Simmons DH. Diaphragmatic contraction during assisted mechanical ventilation. Chest 1989 Jul;96(1):130-5
Flick MW see Rushin JM
Flickinger CJ see Pryor JL
Fliegelman R see Burks JH
Flier JS see Wang PH
Flodmark O see Steinbok P
Flood PA see Olson JD
Flook D, Webster DJ, Hughes LE, Mansel RW. Salvage surgery for advanced local recurrence of breast cancer. Br J Surg 1989 May;76(5):512-4
Flores L see Gupta BK
Floris C, Sulis ML, Bernascani M, Turno R, Tedde A, Sulis E. Pneumothorax in pleuropulmonary Kaposi's sarcoma related to acquired immunodeficiency syndrome. Am J Med 1989 Jul;87(1):123-4
Flower CD see Millet B
Floyd R see Linnemann CC Jr
Floyd RL, Murphy CC, Dillon J, Floyd VD. Neonatal intensive care admissions: changing profile in Georgia, 1974 to 1982. South Med J 1989 Jul;82(7):880-4
Floyd RL see Berg CJ
Floyd T see Welch RB
Floyd VD see Floyd RL
Flynn BS see Bronson DL
Flynn HW Jr see Blankenship GW
Flynn HW Jr see Mein CE
Flynn JT see Dennehy PJ
Fo EE see de Paola AA
Foerster E see Ell C
Fogelson H see Ford LM
Foglia RP, Shilyansky J, Fonkalsrud EW. Emergency lung biopsy in immunocompromised pediatric patients. Ann Surg 1989 Jul;210(1):90-2
Fok TF see Milne MJ
Foland BB see Rickard KA
Foley M, Maslack MM, Rothman RH, Casey MP, Lugano EM, Parry CE, Balderston RA, Booth RE Jr. Pulmonary embolism after hip or knee replacement: postoperative changes on pulmonary scintigrams in asymptomatic patients. Radiology 1989 Aug;172(2):481-5
Foley P see Vasseur PB
Folk BP 3d see George AL Jr
Folk JC see Russell SR
Folli A see DeCesare N
Foltz JD see Bertha BG
Fondacaro JD see Rachmilewitz D
Fonkalsrud EW see Foglia RP
Fonseca RJ see Maxson B
Fontaine DK. Measurement of nocturnal sleep patterns in trauma patients. Heart Lung 1989 Jul;18(4):402-10
Fontaine J see el-Sherif N
Fontaine S see Vezina JL
Foote PA Jr, Brook I. Penicillin and clindamycin therapy in recurrent tonsillitis. Effect of microbial flora. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):856-9
Forbes GB see Miller ME
Ford GA see McNulty CA
Ford JD see Greenberg CR
Ford LM, Han BK, Steichen J, Babcock D, Fogelson H. Very-low-birth-weight, preterm infants with or without intracranial hemorrhage. Neurologic, cognitive and cranial MRI correlations at 4-8-year follow-up. Clin Pediatr (Phila) 1989 Jul;28(7):302-10
Fordyce EJ, Sambula S, Stoneburner R. Mandatory reporting of human immunodeficiency virus testing would deter blacks and Hispanics from being tested [letter] JAMA 1989 Jul 21;262(3):349
Fordyce-Baum MK, Langer LM, Mantero-Atienza E, Crass R, Beach RS. Use of an expanded-whole-wheat product in the reduction of body weight and serum lipids in obese females. Am J Clin Nutr 1989 Jul;50(1):30-6
Forehand L see Henderson FW
Forehand R, Long N, Zogg C, Parrish E. Child abduction. Parent and child functioning following return. Clin Pediatr (Phila) 1989 Jul;28(7):311-6
Foresi A see Corbo GM
Forichon J see Perrin-Fayolle M
Forman D, Chilvers C. Sexual behaviour of young and middle aged men in England and Wales. BMJ 1989 Apr 29; 298(6681):1137-42
Forman J see Hedley ML
Fornage BD see Stewart RR
Forrest PA see Stewart HJ
Forrester J see Litvack F
Forrester JS see Litvack F
Forster DM see Ramakrishnan S
Forster J. Chloramphenicol treatment of childhood bacterial meningitis [letter] Lancet 1989 Jul 15;2(8655):161
Forster RK see Koidou-Tsiligianni A
Forstrom LA. Positron emission tomography—the promise of metabolic imaging. Mayo Clin Proc 1989 Jun;64(6):720-4 (31 ref.)
Forsyth D, Delaney C, Maloney N, Kubesh D, Story D. Can caring behavior be taught? Nurs Outlook 1989 Jul-Aug; 37(4):164-6
Fortunato G see Balsano F
Fortune MA see Weissler MC
Fosså SD, Aass N, Kaalhus O. Long-term morbidity after infradiaphragmatic radiotherapy in young men with testicular cancer. Cancer 1989 Jul 15;64(2):404-8
Foster DL, Ebling FJ, Micka AF, Vannerson LA, Bucholtz DC, Wood RI, Suttie JM, Fenner DE. Metabolic interfaces between growth and reproduction. I. Nutritional modulation of gonadotropin, prolactin, and growth hormone secretion in the growth-limited female lamb. Endocrinology 1989 Jul;125(1):342-50
Foster DL see Ebling FJ
Foster DL see Landefeld TD
Foster DW see Haller RG
Foster PS, Gesini E, Claudianos C, Hopkinson KC, Denborough MA. Inositol 1,4,5-trisphosphate phosphatase deficiency and malignant hyperpyrexia in swine. Lancet 1989 Jul 15;2(8655):124-7
Fowler AA see Bechard DE
Fowler D see Russell CD
Fowler JS see Wolkin A
Fowler MD. When did "do not resuscitate" mean "do not care"? Heart Lung 1989 Jul;18(4):424-5
Fowler NO see Gerson MC
Fowler WC Jr see Moore DH
Fox IH see Lin HY
Fox R see Freimark B
Foye HR see Kempe A
Foyt HL see Werner H
Fraher LJ see McFadden RG
Frahm J see Bruhn H
Fraley EE see Manivel JC
Fraley EE see Reinberg Y
Frame PT see Linnemann CC Jr
Frame SB, Simon JM, Kerstein MD, McSwain NE Jr. Percutaneous transtracheal catheter ventilation (PTCV) in complete airway obstruction—a canine model. J Trauma 1989 Jun;29(6):774-80; discussion 780-1
Franceschi D, Gerding RL, Phillips G, Fratianne RB. Risk

factors associated with intravascular catheter infections in burned patients: a prospective, randomized study. J Trauma 1989 Jun;29(6):811–6
Franceschi M, Comola M, Nemni R, Pinto P, Iannaccone S, Smirne S, Canal N. Neuron-binding antibodies in Alzheimer's disease and Down's syndrome. J Gerontol 1989 Jul;44(4):M128–30
Francis IR see **Ikeda DM**
Franco-Saenz R see **Shier DN**
Frank J see **Saris SC**
Frank S see **Ozbek C**
Franken EA Jr see **Kao SC**
Frankenberg RA see **Mayon-White RT**
Frankland J see **Tudor-Williams G**
Franklin BA, Reed PS, Gordon S, Timmis GC. Instantaneous electrocardiography. A simple screening technique for cardiac exercise programs. Chest 1989 Jul;96(1):174–7
Franklin PK. Review of acute severe asthma. West J Med 1989 May;150(5):552–6 (60 ref.)
Franklin WA see **Gressler VH**
Frankowski RF see **Crane MM**
Franks R see **Kavanagh KT**
Franssen C see **Hans P**
Franssila-Kallunki A see **Eriksson J**
Frantz G see **Sternini C**
Franzblau A see **Marino PE**
Franzblau MJ. Newborn circumcision [letter] West J Med 1989 May;150(5):589
Fraser D see **Kooh SW**
Fraser EM see **Fletcher HJ**
Fraser GE see **Beeson WL**
Fraser GE see **Mills PK**
Fratianne RB see **Franceschi D**
Frazier B see **Carel JC**
Fred HL, Robie P. Dizzy medical writing: report on recent relapses. South Med J 1989 Jul;82(7):897–9
Fredell P see **Perry JC**
Fredman L, Schoenbach VJ, Kaplan BH, Blazer DG, James SA, Kleinbaum DG, Yankaskas B. The association between depressive symptoms and mortality among older participants in the Epidemiologic Catchment Area-Piedmont Health Survey. J Gerontol 1989 Jul; 44(4):S149–56
Fredrick LR see **Holguin MH**
Freeark RJ see **Olen R**
Freed SZ see **Koss LG**
Freedlender AE see **Krusch DA**
Freedman H see **Damrow T**
Freedman LS see **Parmar MK**
Freedman RS see **O'Keeffe F**
Freeman BJ see **Ritvo ER**
Freeman HE see **Shapiro MF**
Freeman M see **Rodrigues EA**
Freeman MR, Williams AE, Chisholm RJ, Armstrong PW. Intracoronary thrombus and complex morphology in unstable angina. Relation to timing of angiography and in-hospital cardiac events. Circulation 1989 Jul;80(1):17–23
Freeman MS see **Thomas JR**
Freeman R see **Brown FM**
Freemont AJ, Denton J. Demonstration of aluminium on bone using different staining techniques and spectrophotometry [letter] J Clin Pathol 1989 Jun;42(6):671–2
Freidberg SR. Transsphenoidal pituitary surgery in the treatment of patients with Cushing's disease. Urol Clin North Am 1989 Aug;16(3):589–95 (51 ref.)
Freidberg SR, Gumley GJ, Pfeifer BA, Hybels RL. Vascularized fibular graft to replace resected cervical vertebral bodies. Case report. J Neurosurg 1989 Aug; 71(2):283–6
Freidhoff L see **Golden DB**
Freidin N, Traube M, Mittal RK, McCallum RW. The hypertensive lower esophageal sphincter. Manometric and clinical aspects. Dig Dis Sci 1989 Jul;34(7):1063–7
Freidinger RM see **Pettibone DJ**
Freiha FS see **Kabalin JN**
Freimark B, Fantozzi R, Bone R, Bordin G, Fox R. Detection of clonally expanded salivary gland lymphocytes in Sjögren's syndrome. Arthritis Rheum 1989 Jul;32(7):859–69
Freimer N, Lu F, Chen J. Posttraumatic stress and conversion disorders in a Laotian refugee veteran: use of amobarbital interviews. J Nerv Ment Dis 1989 Jul;177(7):432–3
Freis ED. Hexamethonium, a forgotten drug in relation to "new" concepts in the management of heart failure [editorial] Am Heart J 1989 Aug;118(2):426–7
Freitas JE see **Kass EJ**
French CA see **Rudick RA**
French DA see **Carachi R**
French RN see **Dennison S**
Fretz CJ, Elizondo G, Weissleder R, Hahn PF, Stark DD, Ferrucci JT Jr. Superparamagnetic iron oxide-enhanced MR imaging: pulse sequence optimization for detection of liver cancer. Radiology 1989 Aug;172(2):393–7
Frey CL, DeMarsh PL, Drutz DJ. Divergent patterns of pulmonary blastomycosis induced by conidia and yeasts in athymic and euthymic mice. Am Rev Respir Dis 1989 Jul;140(1):118–24
Friart A. Termination of magnet-unresponsive pacemaker endless loop tachycardia by carotid sinus massage [letter] Am J Med 1989 Jul;87(1):1–2
Fridrich KL see **Westlund UJ**
Friedberg V see **Bürger RA**
Friedlaender MM see **Naveh-Many T**
Friedman B, Bogue RJ. Competition and hospital costs [letter] JAMA 1989 Aug 4;262(5):616–7
Friedman B see **Schleimer RP**
Friedman E, Sakaguchi K, Bale AE, Falchetti A, Streeten E, Zimering MB, Weinstein LS, McBride WO, Nakamura Y, Brandi ML, et al. Clonality of parathyroid tumors in familial multiple endocrine neoplasia type 1. N Engl J Med 1989 Jul 27;321(4):213–8
Friedman H see **Wang M**
Friedman M, Gal D, Peretz BA. Management of imperforate hymen with the carbon dioxide laser. Obstet Gynecol 1989 Aug;74(2):270–2
Friedman MA see **Galloway DJ**
Friedman PJ. Faculty renewal: modeling the impact of the end of mandatory retirement in the University of California medical schools. Acad Med 1989 Jul;64(7):372–7
Friedman S see **Sunderland G**
Friehling TD see **Luketich J**
Frieling T, Enck P, Wienbeck M. Cerebral responses evoked by electrical stimulation of the esophagus in normal subjects. Gastroenterology 1989 Aug;97(2):475–8
Friera AM see **Ho SB**
Fries JF see **Singh G**
Fries JK see **Hill LM**
Friesen CA, Roberts CC. Cholelithiasis. Clinical characteristics in children. Case analysis and literature review. Clin Pediatr (Phila) 1989 Jul;28(7):294–8 (25 ref.)
Frigoletto FD see **Barss V**
Frishman W see **Charlap S**
Frishman WH see **Skolnick AE**
Fritsch SA see **Cory DA**
Fritz DL see **Wiswell TE**
Fritzler MJ see **Pauls JD**
Froelicher V see **Gianrossi R**
Frohlich ED. Calcium antagonists for initial therapy of hypertension. Heart Lung 1989 Jul;18(4):370–6 (18 ref.)
Fromm RE see **Suffredini AF**
Frotz S see **Vogelsang H**
Fruchtman S see **Fillit H**
Frusca T see **Benigni A**
Fry DE see **Schirmer WJ**
Fry JM, DiPhillipo MA, Pressman MR. Periodic leg movements in sleep following treatment of obstructive sleep apnea with nasal continuous positive airway pressure. Chest 1989 Jul;96(1):89–91
Frydenberg M see **Kjaergaard SK**
Frye-Pierson JL see **Howard G**
Fu K see **Cox JD**
Fu KH see **Sham JS**
Fu P see **Lin KM**
Fu SM see **Harley JB**
Fu SM see **Sung SS**
Fuchs S, Barthel MJ, Flannery AM, Christoffel KK. Cervical spine fractures sustained by young children in forward-facing car seats. Pediatrics 1989 Aug;84(2):348–54
Fuchs U see **Bartsch C**
Fuchs WA see **Schlapbach P**
Fuhrman BP, Smith-Wright DL, Venkataraman S, Orr RA, Howland DF. Proximal mean airway pressure: a good estimator of mean alveolar pressure during continuous positive-pressure breathing. Crit Care Med 1989 Jul; 17(7):666–70
Fuhrman CR see **Skeens JL**
Fujimoto WY see **Newell-Morris LL**
Fujino M see **Miyauchi T**
Fujita M see **Ohno K**
Fujita Y see **Suzuki Y**
Fujiwara H see **Onodera T**
Fuks A see **Ono SJ**
Fukuda T see **Mori H**
Fukuhara H see **Kohno N**
Fukuma K see **Mori Y**
Fukumitsu K see **Choe H**
Fukuoka M, Taii S, Yasuda K, Takakura K, Mori T. Inhibitory effects of interleukin-1 on luteinizing hormone-stimulated adenosine 3',5'-monophosphate accumulation by cultured porcine granulosa cells. Endocrinology 1989 Jul;125(1):136–43
Fulcher D, Stewart G, Exner T, Trudinger B, Jeremy R. Plasma exchange and the anticardiolipin syndrome in pregnancy [letter] Lancet 1989 Jul 15;2(8655):171
Fuller F see **Ganz T**
Fuller LM see **Stewart RR**
Fuller PJ, Verity K. Somatostatin gene expression in the thymus gland. J Immunol 1989 Aug 1;143(3):1015–7
Fuller RW see **Choudry NB**
Fuller RW see **Warren JB**
Fullerton GD see **Som PM**
Fulop G see **Shapiro E**
Fultz M, Carman J, Finkelman FD, Mond JJ. Neonatal suppression with anti-Ia antibody. III. In vivo responses to the type 2 antigen TNP-Ficoll. J Immunol 1989 Jul 15;143(2):403–6
Fumelli P see **Mocchegiani E**
Funder JW see **Krozowski ZS**
Fung CF, Ng TH, Wong WT. Sparganosis of the spinal cord. Case report. J Neurosurg 1989 Aug;71(2):290–2
Fung KP see **Chow OK**
Fung M see **Malleson P**
Furlough RR see **Resnick MB**
Furman JM, Wall C 3d, Kamerer DB. Earth horizontal axis rotational responses in patients with unilateral peripheral vestibular deficits. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):551–5
Furman L. Bone marrow transplants: neither ethical nor imperative? [letter] Pediatrics 1989 Jul;84(1):195
Furnas H. Measuring the area of a lesion or flap [letter] Plast Reconstr Surg 1989 Aug;84(2):364
Furst RW see **Romond EH**
Furuse M see **Yokoyama K**
Fuse K, Bamba T, Hosoda S. Effects of pectin on fatty acid and glucose absorption and on thickness of unstirred water layer in rat and human intestine. Dig Dis Sci 1989 Jul; 34(7):1109–16
Fuster V, Cohen M, Halperin J. Aspirin in the prevention of coronary disease [editorial; comment] N Engl J Med 1989 Jul 20;321(3):183–5. **Comment on:** N Engl J Med 1989 Jul 20;321(3):129–35
Fuster V see **Stein B**
Futagawa S see **Mori H**
Futami T see **Miki T**
Futran J, Kemp JD, Field EH, Vora A, Ashman RF. Transferrin receptor synthesis is an early event in B cell activation. J Immunol 1989 Aug 1;143(3):787–92

G

Gabbay KH see **Owerbach D**
Gabore D see **Elias JM**
Gabriel DA, Carr ME Jr. Calcium destabilizes and causes conformational changes in hyaluronic acid. Am J Med Sci 1989 Jul;298(1):8–14
Gadd MA see **Hansbrough JF**
Gado M see **Mirowitz S**
Gage LS see **Andrulis DP**
Gagné P. More laws for better medicine? [editorial] Am J Psychiatry 1989 Jul;146(7):819–20
Gagnerault MC see **Dardenne M**
Gagnon Y, Têtu B. Ovarian metastases of breast carcinoma. A clinicopathologic study of 59 cases. Cancer 1989 Aug 15;64(4):892–8
Gaillard M see **Castaigne AD**
Gaines JJ, Crosby JH, Vinayak Kamath M. Diagnosis of thoracic splenosis by tru-cut needle biopsy. Am Rev Respir Dis 1986 Jun;133(6):1199–201
Gal D see **Friedman M**
Gal D see **Steg PG**
Gala CL see **Kempe A**
Galanakis DK, Henschen A, Peerschke EI, Kehl M. Fibrinogen Stony Brook, a heterozygous A alpha 16Arg——Cys dysfibrinogenemia. Evaluation of diminished platelet aggregation support and of enhanced inhibition of fibrin assembly. J Clin Invest 1989 Jul; 84(1):295–304
Galassi AR see **Pupita G**
Galbraith RA, Michnovicz JJ. The effects of cimetidine on the oxidative metabolism of estradiol. N Engl J Med 1989 Aug 3;321(5):269–74
Galbraith TA see **Starling RC**
Galdi AP, Clark JB. An unusual case of carnitine palmitoyl transferase deficiency. Arch Neurol 1989 Jul;46(7):819–20
Galdo F see **Sanchez-Burson J**
Gale R see **Seidman DS**
Gale RP see **Baranov A**
Galizia G see **Nagasue N**
Galla TJ see **Barker JH**
Gallacher SJ, Ralston SH, Patel U, Boyle IT. Side-effects of pamidronate [letter] Lancet 1989 Jul 1;2(8653):42–3
Gallagher JJ see **Littmann L**
Gallagher TM, Crean PM. Spinal anaesthesia in infants born prematurely. Anaesthesia 1989 May;44(5):434–6
Galland RB see **Lancashire MJ**
Galletta G see **Walson PD**
Galli R see **Shikowitz MJ**
Gallick GS see **Markolf KL**
Gallina DL see **Ausman LM**
Gallison L see **Kander NH**
Gallo C see **Vighi G**
Galloe A see **Graudal N**
Galloway DJ, Cohen AM, Shank B, Friedman MA. Adjuvant multimodality treatment of rectal cancer. Br J Surg 1989 May;76(5):440–7 (74 ref.)
Gallucci V see **Milano AD**
Galofre J see **Cardellach F**
Galton DA see **Bennett JM**
Galvan G see **Rieger R**
Galway AB, Oikawa M, Ny T, Hsueh AJ. Epidermal growth factor stimulates tissue plasminogen activator activity and messenger ribonucleic acid levels in cultured rat granulosa cells: mediation by pathways independent of protein kinases-A and -C. Endocrinology 1989 Jul;125(1):126–35
Gammeltoft S see **Verland S**
Gamsu G. University-based radiology departments: a perspective. Radiology 1989 Jul;172(1):283–4
Gandolf VS see **Ritter MA**
Gangl A see **Vogelsang H**
Ganji JH see **DeWood MA**
Ganley CJ, Paget SA, Reidenberg MM. Increased renal tubular cell excretion by patients receiving chronic therapy with gold and with nonsteroidal anti-inflammatory drugs. Clin Pharmacol Ther 1989 Jul;46(1):51–5
Gann DS see **Cross JS**
Ganz P see **Bittl JA**
Ganz T, Rayner JR, Valore EV, Tumolo A, Talmadge K, Fuller

F. The structure of the rabbit macrophage defensin genes and their organ-specific expression. J Immunol 1989 Aug 15;143(4):1358–65
Ganz W see **Weiss AT**
Garan H see **Kuchar DL**
Garavaglia GE see **Grossman E**
Garavaglia GE see **Schmieder RE**
Garber HJ, Ananth JV, Chiu LC, Griswold VJ, Oldendorf WH. Nuclear magnetic resonance study of obsessive-compulsive disorder. Am J Psychiatry 1989 Aug; 146(8):1001–5
Garbutt JT Jr see **Brazer SR**
Garcia JC see **Martin KJ**
Garcia V see **Bersá JD**
García de la Fuente A see **Berenguer J**
Garcia-Diaz JD see **Rubio-Garcia R**
Garcia-Hernandez G see **Regueiro JR**
Garcia Ibarra F see **Marti-Bonmati L**
Garden OJ see **Bismuth H**
Garden OJ see **Castaing D**
Gardini E see **Roti E**
Gardner HG see **Campbell SK**
Gardner JD see **Maton PN**
Gardosi J, Hutson N, B-Lynch C. Randomised, controlled trial of squatting in the second stage of labour. Lancet 1989 Jul 8;2(8654):74–7
Garin EH, Grant MB, Silverstein JH. Insulinlike growth factors in patients with active nephrotic syndrome. Am J Dis Child 1989 Jul;143(7):865–7
Garite T see **Gocke SE**
Garland DE see **Moore TJ**
Garland JS, Chan YM, Kelly KJ, Rice TB. Outcome of infants with cystic fibrosis requiring mechanical ventilation for respiratory failure. Chest 1989 Jul;96(1):136–8
Garland JS see **Kelly KJ**
Garner GV see **Moriarty KJ**
Garnett ES see **Cleghorn JM**
Garnick DW, Luft HS, McPhee SJ, Mark DH. Surgeon volume vs hospital volume: which matters more? [editorial] JAMA 1989 Jul 28;262(4):547–8
Garnier G see **Viens P**
Garofano T see **Vento S**
Garratt C, Ward D, Camm AJ. Degeneration of junctional tachycardia to pre-excited atrial fibrillation after intravenous verapamil [letter] Lancet 1989 Jul 22; 2(8656):219
Garratty G see **Nance SJ**
Garrett MJ see **Miller P**
Garrido M see **Escolar G**
Garrow JS see **Webster JD**
Garry PJ see **Sadowski JA**
Garsia S see **Sideri M**
Garside F see **Parkin A**
Garson A Jr see **Perry JC**
Gartman DM, Bardy GH, Williams AB, Ivey TD. Direct surgical treatment of atrioventricular node reentrant tachycardia. J Thorac Cardiovasc Surg 1989 Jul; 98(1):63–71; discussion 71–2
Garvey CW. Desipramine isn't when it's disopyramide [letter] JAMA 1989 Jul 14;262(2):210
Garza D see **Merhige ME**
Gaspar LE, Cheung AY, Allen HH. Cervical carcinoma: treatment results and complications of extended-field irradiation. Radiology 1989 Jul;172(1):271–4
Gasques JA see **Bozola AR**
Gastfriend DR, Rosenbaum JF. Adjunctive buspirone in benzodiazepine treatment of four patients with panic disorder. Am J Psychiatry 1989 Jul;146(7):914–6
Gastineau DA, Habermann TM, Hermann RC. Severe neuropathy associated with low-dose recombinant interferon-alpha. Am J Med 1989 Jul;87(1):116
Gatchel RJ see **Mayer TG**
Gatenby RA see **Levine MS**
Gates GA, Arfken C, Haughey BH. Blood transfusions and recurrence in head and neck cancer [letter] Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):573
Gath A. Living with a mentally handicapped brother or sister. Arch Dis Child 1989 Apr;64(4):513–6
Gatz M see **Pedersen NL**
Gaupp FB see **Bright DA**
Gaus W see **Safi F**
Gavin JB see **Sims FH**
Gaya H see **Hanson PJ**
Gazdar AF. Innovative chemotherapy. Xenografts and in vitro drug sensitivity testing. Chest 1989 Jul;96(1 Suppl):56S–59S (18 ref.)
Gazdar AF. Advances in the biology of lung cancer. Clinical significance of neuroendocrine differentiation. Chest 1989 Jul;96(1 Suppl):39S–41S (15 ref.)
Gazzaniga MS, Kutas M, Van Petten C, Fendrich R. Human callosal function: MRI-verified neuropsychological functions. Neurology 1989 Jul;39(7):942–6
Gazzard B see **Hanson PJ**
Gazzard B see **Leigh TR**
Gean AD, Pile-Spellman J, Heros RC. A pneumatized anterior clinoid mimicking an aneurysm on MR imaging. Report of two cases. J Neurosurg 1989 Jul;71(1):128–32
Gear AJ see **Sutej PG**
Gear K see **Nolan PE Jr**
Gear MW see **McNulty CA**
Gearhart JP, Jeffs RD. Bladder exstrophy: increase in capacity following epispadias repair. J Urol 1989 Aug;142(2 Pt 2):525–6; discussion 542–3
Gearhart JP see **Canning DA**
Geary DF, Haka-Ikse K. Neurodevelopmental progress of young children with chronic renal disease. Pediatrics 1989 Jul;84(1):68–72
Geber D see **Barzilay E**
Gebhard RL see **Day R**
Gebhart SS, Watts NB, Clark RV, Umpierrez G, Sgoutas D. Reversible impairment of gonadotropin secretion in critical illness. Observations in postmenopausal women. Arch Intern Med 1989 Jul;149(7):1637–41
Gee D see **Ramakrishna BS**
Geekie M see **Edington JD**
Geer GD see **Stanley P**
Gefter WB see **Schiebler ML**
Geha R see **Chatila T**
Gehrz RC see **Santamaria P**
Gelber RD, Goldhirsch A. Clinical trials for clinicians. Chest 1989 Jul;96(1 Suppl):97S–101S
Gelber RH see **Hussein N**
Gelenberg AJ see **Prien RF**
Geller A see **Sawin CT**
Geller RB, Boone LB, Karp JE, Davidson N, Selonick SE, Edwards J, Burke PJ. Secondary acute myelocytic leukemia after adjuvant therapy for early-stage breast carcinoma. A new complication of cyclophosphamide, methotrexate, and 5-fluorouracil therapy. Cancer 1989 Aug 1;64(3):629–34
Geller S see **Simon M**
Geller SC see **Durham JD**
Gellert GA, Neumann AK, Gordon RS. International versus domestic health: an antiquated distinction [letter] Lancet 1989 Jul 1;2(8653):51
Gelman BB see **Nolte KB**
Gemsa D see **Heidenreich S**
Genant HK see **Lang P**
Gendler SL, Faisal MA, Holt PR. Evaluation of primary and secondary gastrointestinal bleeders. Arch Intern Med 1989 Jul;149(7):1634–6
Gennarelli TA, Thibault LE, Tipperman R, Tomei G, Sergot R, Brown M, Maxwell WL, Graham DI, Adams JH, Irvine A, et al. Axonal injury in the optic nerve: a model simulating diffuse axonal injury in the brain. J Neurosurg 1989 Aug;71(2):244–53
Gennaro S see **Brown LP**
Gens D see **Dalal SA**
Gensini GF see **Bertini G**
George AL Jr, Folk BP 3d, Crecelius PL, Campbell WB. Pre-arrest morbidity and other correlates of survival after in-hospital cardiopulmonary arrest. Am J Med 1989 Jul; 87(1):28–34
George BS see **Kereiakes DJ**
George MS see **Lydiard RB**
George SL see **Pui CH**
Georges D see **Safar M**
Georgi P see **Hölting T**
Georgiade GS see **Georgiade NG**
Georgiade NG, Mason RM, Riefkohl RE, Georgiade GS, Barwick W. Protruding premaxilla in the bilateral cleft lip patient [letter] Plast Reconstr Surg 1989 Aug;84(2):372–3
Gerard JL see **Tartiere J**
Gerber MM see **Richwald GA**
Gerber NJ see **Schlapbach P**
Gerbershagen HU see **Lang E**
Gerding RL see **Franceschi D**
Gerhardt T, Reifenberg L, Goldberg RN, Bancalari E. Pulmonary function in preterm infants whose lungs were ventilated conventionally or by high-frequency oscillation. J Pediatr 1989 Jul;115(1):121–6
Gerken TA see **Jacobstein MD**
Gerlis LM see **Smith A**
Gerok W see **Rössle M**
Gerry F. Cholecystectomy in sickle cell anemia [letter] Am J Dis Child 1989 Jul;143(7):764
Gershuni DH. Fracture nonunion [editorial] West J Med 1989 Jun;150(6):689–90
Gerson MC, Colthar MS, Fowler NO. Differentiation of constrictive pericarditis and restrictive cardiomyopathy by radionuclide ventriculography. Am Heart J 1989 Jul; 118(1):114–20
Gertler JP see **Abramson DL**
Gertsch M, Hottinger S, Mettler D, Leupi F, Gurtner HP. Conversion of induced ventricular tachycardia by single and serial chest thumps: a study in domestic pigs 1 week after experimental myocardial infarction. Am Heart J 1989 Aug;118(2):248–55
Gertz BJ see **Warren JB**
Gervasi LA, Mata J, Easley JD, Wilbanks JH, Seale-Hawkins C, Carlton CE Jr, Scardino PT. Prognostic significance of lymph nodal metastases in prostate cancer. J Urol 1989 Aug;142(2):332–6
Gesini E see **Foster PS**
Gettes LS see **Rowe WW**
Geyman JP see **Schneeweiss R**
Geysen M see **Kara U**
Ghali GE, Ellis E 3d. Traumatic asphyxia: report of a case. J Oral Maxillofac Surg 1989 Aug;47(8):867–70 (17 ref.)
Ghatei MA see **Bauer FE**
Ghatei MA see **Jones PM**
Ghavimi F see **LaQuaglia MP**
Ghelman B. Radiology of bone tumors. Orthop Clin North Am 1989 Jul;20(3):287–312 (95 ref.)
Ghio AJ, Elliott CG, Crapo RO, Collins MP, Tocino I. A migratory infiltrate in a patient with hemoptysis and chest pain. Chest 1989 Jul;96(1):195–6
Ghogawala Z see **St-Pierre Y**
Giacoppe GN Jr. SI and presently conventional units [letter] Ann Intern Med 1989 Aug 1;111(3):259
Gianaris P see **Bailes JE**
Giang DW, Kido DK. Transient global amnesia associated with cerebral angiography performed with use of iopamidol. Radiology 1989 Jul;172(1):195–6
Giannas B see **Christou NV**
Giannetto L see **Pryor RE**
Gianrossi R, Detrano R, Mulvihill D, Lehmann K, Dubach P, Colombo A, McArthur D, Froelicher V. Exercise-induced ST depression in the diagnosis of coronary artery disease. A meta-analysis. Circulation 1989 Jul;80(1):87–98 (171 ref.)
Gibb AP. Identification of unsuspected cases of giardiasis by wet-film microscopy [letter] Lancet 1989 Jul 22; 2(8656):216–7
Gibb WR, Lees AJ. Tendency to late recurrence following rheumatic chorea. Neurology 1989 Jul;39(7):999
Gibbens DT see **Gilsanz V**
Gibberd FB see **Rowe IF**
Gibbons LC see **Shorrock CJ**
Gibbons MD see **Dejter SW Jr**
Gibbs D see **Morris JA Jr**
Gibbs J, Newson T, Williams J, Davidson DC. Naloxone hazard in infant of opioid abuser [letter] Lancet 1989 Jul 15;2(8655):159–60
Gibbs P see **Stehling MK**
Gibeault JD, Wang WT, Harkins S, Chvapil M. Use of cross-linked bovine pericardium as a disc replacement in the rabbit temporomandibular joint. J Oral Maxillofac Surg 1989 Aug;47(8):828–33
Gibney RG, Chow K, So CB, Rowley VA, Cooperberg PL, Burhenne HJ. Gallstone recurrence after cholecystolithotomy. AJR Am J Roentgenol 1989 Aug; 153(2):287–9
Gibori G see **Steinschneider A**
Gibson DG see **Luke RA**
Gibson DM see **Ng KH**
Gibson P see **Howard CA**
Gibson RS see **Boden WE**
Gibson RW see **Olsen GW**
Gibson WS see **Macaluso RA**
Giddings NA, Kennedy TL, Knipe KL, Levine HL, Smith JD. Aneurysmal bone cyst of the mandible. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):865–70 (54 ref.)
Gieron MA see **Korthals JK**
Gifford RA see **Donaldson DL**
Giglioli C see **Bertini G**
Gil MJ see **Nubiola P**
Gil-Vernet A see **Gil-Vernet JM**
Gil-Vernet JM, Gil-Vernet A, Caralps A, Carretero P, Talbot-Wright R, Andreu J, Campos JA. Orthotopic renal transplant and results in 139 consecutive cases. J Urol 1989 Aug;142(2):248–52
Giladi M see **Halpern Z**
Gilbert J see **McFee AS**
Gilbertson JJ see **Merrell SW**
Gill B, Kogan S, Starr S, Reda E, Levitt S. Significance of epididymal and ductal anomalies associated with testicular maldescent. J Urol 1989 Aug;142(2 Pt 2):556–8; discussion 572
Gill EP see **Koch DD**
Gill M see **Bridge TP**
Gill MJ see **Chuang HT**
Gill PS, Akil B, Colletti P, Rarick M, Loureiro C, Bernstein-Singer M, Krailo M, Levine AM. Pulmonary Kaposi's sarcoma: clinical findings and results of therapy. Am J Med 1989 Jul;87(1):57–61
Gillbe CE see **Luke RA**
Gilleard C see **Ozekes M**
Gillespie DJ see **Marsh HM**
Gillespie JA see **Krone RJ**
Gillespie S see **Farley TA**
Gillette PC. Diagnosis and management of postoperative junctional ectopic tachycardia [editorial] Am Heart J 1989 Jul;118(1):192–4
Gillette PC see **Sade RM**
Gillette PC see **Trippel DL**
Gillies GW, Lees NW. The effects of speed of injection on induction with propofol. A comparison with etomidate. Anaesthesia 1989 May;44(5):386–8
Gillis AM see **Mitchell LB**
Gillis GL see **Brink CA**
Gillis S see **Schleimer RP**
Gillott A see **Rhodes M**
Gillquist J see **Weiss CB**
Gillum RF. The relationship of treadmill test performance to blood pressure and other cardiovascular risk factors in adolescents. Am Heart J 1989 Jul;118(1):161–71
Gilmore-Hebert M, Schneider JW, Greene AL, Berliner N, Stolle CA, Lomax K, Mercer RW, Benz EJ Jr. Expression of multiple Na+,K+-adenosine triphosphatase isoform genes in human hematopoietic cells. Behavior of the novel A3 isoform during induced maturation of HL60 cells. J Clin Invest 1989 Jul;84(1):347–51
Gilsanz V, Gibbens DT, Carlson M, King J. Vertebral bone density in Scheuermann disease.

J Bone Joint Surg [Am] 1989 Jul;71(6):894–7
Gilsanz V see **Stanley P**
Gilsdorf JR, Wilson K, Beals TF. Bacterial colonization of intravenous catheter materials in vitro and in vivo. Surgery 1989 Jul;106(1):37–44
Gilson SB. Guidelines for treatment of osteoporosis in older women [letter] JAMA 1989 Jul 21;262(3):352–3
Gilstad D see **Vancaillie TG**
Gilstrap LC 3d see **Ramin SM**
Gimlette TM see **Brownless SM**
Gimson AE see **Vlavianos P**
Gimson AS see **Stringer MD**
Ginat-Israeli T see **Hurvitz H**
Giannetti RA, Bredfeldt RC, Pegg EW 3d. Chorea gravidarum. A case report including magnetic resonance imaging results. J Fam Pract 1989 Jul;29(1):87–9
Ginoza G, Cortez S, Modanlou HD. Prevention of palatal groove formation in premature neonates requiring intubation. J Pediatr 1989 Jul;115(1):133–5
Ginsberg JS, Brill-Edwards P, Kowalchuk G, Hirsh J. Intermittent compression units for the postphlebitic syndrome. A pilot study. Arch Intern Med 1989 Jul; 149(7):1651–2
Ginsberg RJ. Limited resection in the treatment of stage I non-small cell lung cancer; an overview. Chest 1989 Jul; 96(1 Suppl):50S–51S (11 ref.)
Ginsburg D see **Bahou WF**
Ginsburg R, Thorpe P, Bowles CR, Wright AM, Wexler L. Pull-through approach to percutaneous angioplasty of totally occluded common iliac arteries. Radiology 1989 Jul; 172(1):111–3
Giordano GG see **Soskolne CL**
Giorgi D, Bernard JP, Rouquier S, Iovanna J, Sarles H, Dagorn JC. Secretory pancreatic stone protein messenger RNA. Nucleotide sequence and expression in chronic calcifying pancreatitis. J Clin Invest 1989 Jul;84(1):100–6
Giorgi LV see **O'Keefe JH Jr**
Giorgio I see **Pezzolla F**
Girard LJ. Natural evolution of postoperative astigmatism [letter] Arch Ophthalmol 1989 Jul;107(7):956
Giri SN see **Schelegle ES**
Gitelis S, Schajowicz F. Osteoid osteoma and osteoblastoma. Orthop Clin North Am 1989 Jul;20(3):313–25 (92 ref.)
Gittelman B see **Loewenstein DA**
Gitter KA see **Sappenfield D**
Given B see **Collins C**
Gladstone I see **Dworetz AR**
Glasebrook AL see **Firestein GS**
Glaser B see **Heyd J**
Glaser JS see **Hamed LM**
Glasier CM, Seibert JJ, Chadduck WM, Williamson SL, Leithiser RE Jr. Brain death in infants: evaluation with Doppler US. Radiology 1989 Aug;172(2):377–80
Glaspy JA, Marcus SG, Ambersley J, Golde DW. Recombinant beta-serine-interferon in hairy cell leukemia compared prospectively with results with recombinant alpha-interferon. Cancer 1989 Jul 15;64(2):409–13
Glass N see **Gross DM**
Glassberg KI. Pediatric Urology Medal. J. Herbert Johnston tribute. J Urol 1989 Aug;142(2 Pt 2):544–5
Glasser DB, Katz HR, Boyd JE, Langdon JD, Shobe SL, Peiffer RL. Protective effects of viscous solutions in phacoemulsification and traumatic lens implantation. Arch Ophthalmol 1989 Jul;107(7):1047–51
Glassock RJ see **Lombet JR**
Glatt SL see **Hellman RS**
Glauser FL see **Bechard DE**
Glazer GM. Radiologic staging of lung cancer using CT and MRI. Chest 1989 Jul;96(1 Suppl):44S–47S (46 ref.)
Glazer GM see **Ikeda DM**
Glazer HS see **Siegel MJ**
Gleckman RA, Czachor JS. Reviewing the safe use of antibiotics in the elderly. Geriatrics 1989 Jul;44(7):33–6, 39 (19 ref.)
Gleeson D, Smith ND, Boyer JL. Bicarbonate-dependent and -independent intracellular pH regulatory mechanisms in rat hepatocytes. Evidence for Na+-HCO3- cotransport. J Clin Invest 1989 Jul;84(1):312–21
Gleeson MJ, Griffith DP. Newer interventional procedures for treatment of cholecystolithiasis [letter] Radiology 1989 Jul;172(1):285
Gleich GJ see **Ayars GH**
Gleich GJ see **Barker RL**
Gleich GJ see **Trocme SD**
Glen PM, Margulies D. Electrocautery and hormone receptor status in breast biopsy. Am J Surg 1989 Jul;158(1):6–7
Glenn GC see **Weaver DK**
Glesby MJ, Pyeritz RE. Association of mitral valve prolapse and systemic abnormalities of connective tissue. A phenotypic continuum. JAMA 1989 Jul 28;262(4):523–8
Glicklich M, Eliasoph J. Incarcerated obturator hernia: case diagnosed at barium enema fluoroscopy. Radiology 1989 Jul;172(1):51–2
Glicklich M see **Blank EL**
Glickstein MF. MR imaging of the shoulder: optimizing surface-coil positioning [letter] AJR Am J Roentgenol 1989 Aug;153(2):431–2
Glimcher LH see **St-Pierre Y**
Glogoff M see **Eisenberg E**
Glover J see **Wood CD**
Glover MT, Brett EM, Atherton DJ. Hypomelanosis of Ito: spectrum of the disease. J Pediatr 1989 Jul;115(1):75–80
Glukhenky BT see **Grando SA**
Go VL see **Kaiser SC**
Gobel FL see **Goldenberg IF**
Gocke SE, Nageotte MP, Garite T, Towers CV, Dorcester W. Management of the nonvertex second twin: primary cesarean section, external version, or primary breech extraction. Am J Obstet Gynecol 1989 Jul;161(1):111–4
Godard P see **Salmeron S**
Godfrey S, Bar-Yishay E. Influence of the "squeeze jacket" on lung function in young infants [letter] Am Rev Respir Dis 1989 Jul;140(1):265–6
Godfrey S see **Avital A**
Godish T. Formaldehyde exposures from tobacco smoke: a review. Am J Public Health 1989 Aug;79(8):1044–5 (18 ref.)
Godlewski P see **Wholey MH**
Godshall BJ see **Rickard KA**
Godwin JD see **Moore AD**
Godwin P see **Sobala GM**
Goeken NE, Staggs TS, Ballas ZK. Monocyte suppressor factor is plasminogen activator inhibitor inhibition of membrane bound but not soluble IL-1. J Immunol 1989 Jul 15;143(2):603–8
Goel R see **Varney RR**
Goenen M see **Dion R**
Goepfert H see **Blacklock JB**
Goergen B see **Hick JF**
Goertz G see **Boström M**
Goetz MA see **Pettibone DJ**
Goey H, Keller JR, Back T, Longo DL, Ruscetti FW, Wiltrout RH. Inhibition of early murine hemopoietic progenitor cell proliferation after in vivo locoregional administration of transforming growth factor-beta 1. J Immunol 1989 Aug 1;143(3):877–80
Goff JP, Reinhardt TA, Horst RL. Recurring hypocalcemia of bovine parturient paresis is associated with failure to produce 1,25-dihydroxyvitamin D. Endocrinology 1989 Jul;125(1):49–53
Goff JS see **Van Stiegmann G**
Gogan W see **Viegas SF**
Goh P see **Hoe J**
Gokal R see **Stout JP**
Golan A see **Langer R**
Gold D see **Redline S**
Gold MH, Roenigk HH, Smith ES, Pierce LJ. Human bite marks. Differential diagnosis. Clin Pediatr (Phila) 1989 Jul; 28(7):329–31
Gold RH see **Bassett LW**
Goldbach RH see **Ramsey KP**
Goldberg J see **Richards MS**
Goldberg JA, Leiberman DP, McArdle CS. A useful maneuver for hepatic arterial catheterization in patients with metastatic hepatic disease and abnormal vascular anatomy. Surg Gynecol Obstet 1989 Jul;169(1):71–2
Goldberg LH see **Alcalay J**
Goldberg ME, Larijani GE, Azad SS, Sosis M, Seltzer JL, Ascher J, Weakly JN. Comparison of tracheal intubating conditions and neuromuscular blocking profiles after intubating doses of mivacurium chloride or succinylcholine in surgical outpatients. Anesth Analg 1989 Jul;69(1):959–65
Goldberg ME see **Bartkowski RR**
Goldberg RN see **Gerhardt T**
Goldberg S see **Thomas GM**
Goldberg SH see **Bullock JD**
Goldberg SR see **Iaffe JH**
Goldblum RM see **Wirt DP**
Golde DW see **Glaspy JA**
Golden DB, Marsh DG, Kagey-Sobotka A, Freidhoff L, Szklo M, Valentine MD, Lichtenstein LM. Epidemiology of insect venom sensitivity. JAMA 1989 Jul 14;262(2):240–4
Golden MP, Hibbard RA, Ingersoll GM, Kronz KK, Fineberg NS, Marrero DG. Pediatric endocrinologic recommendations, pediatric practice, and current pediatric training regarding care of children with diabetes. Pediatrics 1989 Jul;84(1):138–43
Golden WE, Lavender RC, Metzer WS. Acute postoperative confusion and hallucinations in Parkinson disease. Ann Intern Med 1989 Aug 1;111(3):218–22
Goldenberg IF, Pedersen W, Olson J, Madison JD, Mooney MR, Gobel FL. Percutaneous double balloon valvuloplasty for severe tricuspid stenosis. Am Heart J 1989 Aug; 118(2):417–9
Goldenberg IF see **Pedersen WR**
Goldenberg IF see **Pierpont ME**
Goldenberg M see **Schiff E**
Goldenberg T see **Litvack F**
Goldfinger AD see **Pearlson GD**
Goldhirsch A see **Gelber RD**
Goldie PA, Bach TM, Evans OM. Force platform measures for evaluating postural control: reliability and validity. Arch Phys Med Rehabil 1989 Jul;70(7):510–7
Goldin HM see **Schweitzer WJ**
Goldin K. Cocaine abuse in pregnancy [letter] JAMA 1989 Aug 11;262(6):771
Goldman SM see **Davidson AJ**
Goldsmith MF. Oregon pioneers "more ethical" Medicaid coverage with priority-setting project [news] JAMA 1989 Jul 14;262(2):176–7
Goldsmith MF. Physicians with Georgia on their minds [news] JAMA 1989 Aug 4;262(5):603–4
Goldsmith MF. Seasoned AIDS warriors extend arms to rookies in the battle against HIV disease [news] JAMA 1989 Jul 21;262(3):326–7
Goldsmith MF. AIDS drug development, availability intensify [news] JAMA 1989 Jul 28;262(4):452–3
Goldstein AO. A piece of my mind. Savannah River Parkway. JAMA 1989 Aug 4;262(5):686
Goldstein D see **Berkowitz R**
Goldstein DP see **Rice LW**
Goldstein ET, Preskorn SH. Mania triggered by a steroid nasal spray in a patient with stable bipolar disorder [letter] Am J Psychiatry 1989 Aug;146(8):1076–7
Goldstein RB, Podrasky AE, Filly RA, Callen PW. Effacement of the fetal cisterna magna in association with myelomeningocele [see comments] Radiology 1989 Aug; 172(2):409–13. **Comment in:** Radiology 1989 Aug;172(2):309–311
Goldstein RB see **Filly RA**
Goldstein S see **Halbreich U**
Goldwyn RM. Weighty records: medicine by bulk [editorial] Plast Reconstr Surg 1989 Aug;84(2):338–9
Goldyne ME, Williams ML. CHILD syndrome. Phenotypic dichotomy in eicosanoid metabolism and proliferative rates among cultured dermal fibroblasts. J Clin Invest 1989 Jul; 84(1):357–60
Golino P see **Eidt JF**
Golino P see **Willerson JT**
Golomb HM see **Gressler VH**
Golomb HM see **Vokes EE**
Golomb J, Klutke CG, Lewin KJ, Goodwin WE, deKernion JB, Raz S. Bladder neoplasms associated with augmentation cystoplasty: report of 2 cases and literature review. J Urol 1989 Aug;142(2):377–80 (25 ref.)
Golub SH see **Shau HY**
Gomez C see **Litvan I**
Gomez J see **Marti-Bonmati L**
Gomez MN, Tinker JH. Smoking, anesthesia, and coronary bypass operation: a witches' cauldron? Mayo Clin Proc 1989 Jun;64(6):708–11
Gomez MT see **Doppman JL**
Gon G see **Jones PM**
Gong JH see **Heidenreich S**
Gonnella C. Single-subject experimental paradigm as a clinical decision tool. Phys Ther 1989 Jul;69(7):601–9
Gonzales ET see **Decter RM**
Gonzalez EB, Varner WT, Lisse JR, Daniels JC, Hokanson JA. Giant-cell arteritis in the southern United States. An 11-year retrospective study from the Texas Gulf Coast. Arch Intern Med 1989 Jul;149(7):1561–5
Gonzalez F see **Ames RP**
Gonzalez JM see **Wagner ED**
Gonzalez N see **Snowdon DA**
Gonzalez R, Koleilat N, Austin C, Sidi AA. The artificial sphincter AS800 in congenital urinary incontinence. J Urol 1989 Aug;142(2 Pt 2):512–5; discussion 520–1
Gonzalez R, Nguyen DH, Koleilat N, Sidi AA. Compatibility of enterocystoplasty and the artificial urinary sphincter. J Urol 1989 Aug;142(2 Pt 2):502–4; discussion 520–1
Gonzalez-Crussi F see **Dado DV**
Goodchild CS see **Bell MD**
Goodenough P see **Walloo MP**
Goodgold H see **Younis LT**
Goodlin RC. Role of ferritin supported in diagnosis of anemias of pregnancy [letter] Am J Obstet Gynecol 1989 Jul; 161(1):258–9
Goodlin RC. Oxytocin may explain neonatal seizures [letter] Am J Obstet Gynecol 1989 Jul;161(1):259
Goodlin RC. Intrapartum uterine activity: evaluation of an intrauterine pressure transducer [letter] Obstet Gynecol 1989 Aug;74(2):283–4
Goodman DF see **Stark WJ**
Goodman E, Cohall AT. Acquired immunodeficiency syndrome and adolescents: knowledge, attitudes, beliefs, and behaviors in a New York City adolescent minority population. Pediatrics 1989 Jul;84(1):36–42
Goodman GL see **Stark WJ**
Goodman HM see **Chipkin SR**
Goodman JW see **Norton FL**
Goodman PC see **Hoffman CK**
Goodman RH see **Sills MN**
Goodman SB, Chin RC, Chiou SS, Schurman DJ, Woolson ST, Massda MP. A clinical-pathologic-biochemical study of the membrane surrounding loosened and nonloosened total hip arthroplasties. Clin Orthop 1989 Jul;(244):182–7
Goodman SB see **Semkiw LB**
Goodman WG see **Robertson JA**
Goodner CJ, Koerker DJ, Weigle DS, McCulloch DK. Decreased insulin- and glucagon-pulse amplitude accompanying beta-cell deficiency induced by streptozocin in baboons. Diabetes 1989 Jul;38(7):925–31
Goodwill CJ see **Papasavvas G**
Goodwin CW see **Madden MR**
Goodwin FK. From the Alcohol, Drug Abuse, and Mental Health Administration. JAMA 1989 Jul 21;262(3):331
Goodwin FK see **Bridge TP**
Goodwin TM. Efficacy of oral antibiotics following parenteral antibiotics for serious infections in obstetrics and gynecology [letter] Obstet Gynecol 1989 Aug;74(2):284–5
Goodwin WE see **Golomb J**
Gopal R see **Banavali SD**
Gopalakrishna KV see **Salata RA**
Gor D see **Hanson PJ**
Gorbach SL see **Styrt B**
Gordon A, Paya R. Cuba's health record [letter] Lancet 1989

Jul 8;2(8654):106
Gordon C see **Pellegrino MJ**
Gordon D see **Moriarty KJ**
Gordon E see **Wilson A**
Gordon I see **Peters AM**
Gordon J see **Christou NV**
Gordon NF see **Cooper KH**
Gordon RD see **Wilson BJ**
Gordon RS see **Gellert GA**
Gordon S see **Franklin BA**
Gordon SC see **Veneri RJ**
Goresky CA see **Jabbari M**
Gorham S see **Carachi R**
Goris RJ see **Beerthuizen GI**
Gorman RS see **Peng AT**
Gormand F see **Perrin-Fayolle M**
Gormley TS, Skoog SJ, Jones RV, Maybee D. Cellular congenital mesoblastic nephroma: what are the options. J Urol 1989 Aug;142(2 Pt 2):479–83; discussion 489 (35 ref.)
Goraki JM. "Proportionately sized" femoral components [letter] Clin Orthop 1989 Jul;(244):309–10
Gospodarowicz M see **Tannock I**
Gospodarowicz MK see **Thomas GM**
Gothing C see **Perry JC**
Goto K see **Miyauchi T**
Gotoh M, Monden M, Okamura J, Mori T, Shima K. Insulin and glucagon secretion after pancreatectomies. Correlation of secretion and hormonal contents of remaining pancreas. Diabetes 1989 Jul;38(7):861–7
Gotoh M see **Saito M**
Gottlieb S see **Tzivoni D**
Gottridge JA, Meyer BR, Schwartz NS, Lesser RS. The nonutility of chest roentgenographic examination in asymptomatic patients with positive tuberculin test results. Arch Intern Med 1989 Jul;149(7):1660–2
Gottsch JD see **Stark WJ**
Gough DC see **Clarke NW**
Gough JM see **Willadsen P**
Gould H see **Kara U**
Gould JB, Davey B, Stafford RS. Socioeconomic differences in rates of cesarean section. N Engl J Med 1989 Jul 27; 321(4):233–9
Gould KG Jr, Peterson KW. In search of occupational illness. Ann Intern Med 1989 Aug 1;111(3):195–7
Gouma DJ, Konsten J, Soeters PB, Von Meyenfeldt M, Obertop H. Long-term follow-up after choledochojejunostomy for bile duct stones with complex clearance of the bile duct. Br J Surg 1989 May;76(5):451–3
Govila A. Prefabricated methyl methacrylate implant for reconstruction of the hemimandible and temporomandibular joint complex [letter] Plast Reconstr Surg 1989 Aug;84(2):370–2
Govila A. Extracorporeal tissue transfer [letter] Plast Reconstr Surg 1989 Aug;84(2):367–9
Grace JT. Development of maternal-fetal attachment during pregnancy. Nurs Res 1989 Jul-Aug;38(4):228–32
Gracey DR, Nobrega FT, Naessens JM, Krishan I. Financial implications of prolonged ventilator care under DRGs 474 and 475. Chest 1989 Jul;96(1):193–4
Gracey DR see **Plummer AL**
Grady KL, Costanzo-Nordin MR. Myocarditis: review of a clinical enigma. Heart Lung 1989 Jul;18(4):347–53 (19 ref.)
Grady MS see **Howard MA 3d**
Grady TA see **Aranow AB**
Graettinger WF, Lipson JL, Klein RC, Cheung DG, Weber MA. Comparison of antihypertensive therapies by noninvasive techniques. Chest 1989 Jul;96(1):74–9
Graff-Radford NR, Torner J, Adams HP Jr, Kassell NF. Factors associated with hydrocephalus after subarachnoid hemorrhage. A report of the Cooperative Aneurysm Study. Arch Neurol 1989 Jul;46(7):744–52
Grafman J see **Litvan I**
Graham AK see **Herrington CS**
Graham DI see **Gennarelli TA**
Graham MM, Lewellen TK. Positron emission tomography and its role in metabolic imaging. Mayo Clin Proc 1989 Jun;64(6):725–7
Grahame R. How often, when and how does joint hypermobility lead to osteoarthritis? Br J Rheumatol 1989 Aug;28(4):320
Graif JL see **Davies SF**
Gralnick HR see **Bennett JM**
Gramatkovski E see **Hallberg L**
Grambsch PM, Dickson ER, Wiesner RH, Langworthy A. Application of the Mayo primary biliary cirrhosis survival model to Mayo liver transplant patients. Mayo Clin Proc 1989 Jun;64(6):699–704
Gramelspacher GP see **Grim PS**
Gramelspacher GP see **Lantos JD**
Grandi S see **Fava GA**
Grando SA, Glukhenky BT, Drannik GN, Epshtein EV, Kostromin AP, Korostash TA. Mediators of inflammation in blister fluids from patients with pemphigus vulgaris and bullous pemphigoid. Arch Dermatol 1989 Jul;125(7):925–30
Graner JL. Thoughts and ethics. The place for thought in medical ethical decision-making. Lancet 1989 Jul 15; 2(8655):150
Granero X see **Monreal M**
Grangeot-Keros L see **Lazizi Y**
Granger DN see **Deitch EA**
Granger GA see **Sung SS**
Granström M see **Blennow M**
Grant AJ see **Bechard DE**
Grant CS see **Telander RL**
Grant MB see **Garin EH**
Grant T, Brandt TD. Use of the cluster sign in the diagnosis of small pyogenic hepatic abscesses [letter] AJR Am J Roentgenol 1989 Aug;153(2):429–30
Grantham-McGregor S see **Powell C**
Graor RA. Preoperative evaluation and management of coronary and carotid artery occlusive disease in patients with abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):737–43 (21 ref.)
Grasselli S see **Balsano F**
Grassi C see **Cerveri I**
Grassi M see **Cerveri I**
Grasso P, Reichert LE Jr. The effects of aprotinin on follicle-stimulating hormone binding and signal transduction in bovine calf testis. Endocrinology 1989 Jul; 125(1):117–25
Gratton JA see **Jones HC**
Graudal N, Galløe A. Effect of salt restriction on hypertension [letter] Lancet 1989 Jul 1;2(8653):41–2
Grauman D see **Blair A**
Gravdal JA, Meenan A, Dyson AE. Congenital hypothyroidism. J Fam Pract 1989 Jul;29(1):47–50 (14 ref.)
Graver LM see **Hirschfield LS**
Graves TA, Cioffi WG, Mason AD Jr, McManus WF, Pruitt BA Jr. Relationship of transfusion and infection in a burn population. J Trauma 1989 Jul;29(7):948–52; discussion 952–4
Graves WL see **Rulin MC**
Gray C see **Scott N**
Gray G, Browder W. Villous tumors of the ampulla of Vater: local resection versus pancreatoduodenectomy. South Med J 1989 Jul;82(7):917–20 (12 ref.)
Gray GE. MAOI-induced hypersomnia in patients with bulimia [letter] Am J Psychiatry 1989 Aug;146(8):1078
Gray GF see **Bogue CW**
Gray HS, Slater RM, Pollard BJ. The effect of acutely administered phenytoin on vecuronium-induced neuromuscular blockade. Anaesthesia 1989 May; 44(5):379–81
Gray JA, Burns SM. Mumps meningitis following measles, mumps, and rubella immunisation [letter] Lancet 1989 Jul 8;2(8654):98
Gray PR, Derksen FJ, Robinson NE, Carpenter-Deyo LJ, Johnson HG, Roth RA. The role of cyclooxygenase products in the acute airway obstruction and airway hyperreactivity of ponies with heaves. Am Rev Respir Dis 1989 Jul;140(1):154–60
Gray RJ see **Czer LS**
Gray RW see **Bruns DE**
Graybill JR see **Ahrens J**
Greaton C see **Thompson JS**
Greco FA see **Strnad CM**
Greden JF see **Tandon R**
Greeley WJ see **Ungerleider RM**
Green DW see **Stringer MD**
Green GD see **Jaffe GJ**
Green GE. Invited letter concerning: preparation of the internal mammary artery graft: which is the best method? [letter] J Thorac Cardiovasc Surg 1989 Jul;98(1):152–3
Green J see **Dale J**
Green LK, Silva EG. Hepatoblastoma in an adult with metastasis to the ovaries. Am J Clin Pathol 1989 Jul; 92(1):110–5
Green MA see **Estienne MJ**
Green MT see **Limberg MB**
Green RF see **Rook JL**
Green S see **Ong L**
Green SA see **Moore TJ**
Green SB see **Shapiro WR**
Green ST see **Nathwani D**
Greenberg A see **Harviel JD**
Greenberg BD. Importance of board certification in family practice [letter] J Fam Pract 1989 Jul;29(1):18–9
Greenberg CR, Dilling LA, Thompson R, Ford JD, Seargeant LE, Haworth JC. Newborn screening for galactosemia: a new method used in Manitoba. Pediatrics 1989 Aug; 84(2):331–5
Greenberg CR see **Booth FA**
Greenberg CR see **Stephan MJ**
Greenberg G see **Thompson SG**
Greenberg H see **Krone RJ**
Greenberg ML see **Halperin DL**
Greenberg SD see **Wagner ED**
Greene AA see **Smith ML**
Greene AL see **Gilmore-Hebert M**
Greene G see **Dintzis RZ**
Greene HL see **Bardy GH**
Greene JP, Guay AT. New perspectives in pheochromocytoma. Urol Clin North Am 1989 Aug; 16(3):487–503 (131 ref.)
Greene KD see **Reeve G**
Greene MF, Hare JW, Krache M, Phillippe M, Barss VA, Saltzman DH, Nadel A, Younger MD, Heffner L, Scherl JE. Prematurity among insulin-requiring diabetic gravid women. Am J Obstet Gynecol 1989 Jul;161(1):106–11
Greene MF see **Barss V**
Greene NM see **Saidman LJ**
Greene RE see **Shin JH**
Greengrass PM see **James S**
Greenham R. Scurvy and anaemia in refugees [letter] Lancet 1989 Jul 15;2(8655):170
Greenland S see **Richwald GA**
Greenson JK see **Mullin GE**
Greenspan A. Tumors of cartilage origin. Orthop Clin North Am 1989 Jul;20(3):347–66 (61 ref.)
Greenwald MJ see **Messinger A**
Greenwald P, Cullen JW, Kelloff G, Pierson HF. Chemoprevention of lung cancer. Problems and progress. Chest 1989 Jul;96(1 Suppl):14S–17S (11 ref.)
Greer BE see **Cain JM**
Gregg RH see **Lichtig LK**
Gregoire MB see **Sultemeier PM**
Gregorini G see **Benigni A**
Gregory C see **Lear JL**
Grehn F, Sundmacher R. Fixation of posterior chamber lenses by transscleral sutures: technique and preliminary results [letter] Arch Ophthalmol 1989 Jul;107(7):954–5
Grenga TE, Zins JE, Bauer TW. The rate of vascularization of coralline hydroxyapatite. Plast Reconstr Surg 1989 Aug; 84(2):245–9
Grenier P see **Brauner MW**
Gressler VH, Weinkauff RE, Franklin WA, Golomb HM. Is there a direct differentiation-inducing effect of human recombinant interferon on hairy cell leukemia in vitro? Cancer 1989 Jul 15;64(2):374–8
Gretz N see **Ruder H**
Greven CM, Tasman W. Rhegmatogenous retinal detachment following cryotherapy in retinopathy of prematurity. Arch Ophthalmol 1989 Jul;107(7):1017–8
Grey HM see **Ishioka GY**
Grey HM see **Sette A**
Grieve RB see **Abraham D**
Griffin DE see **Mokhtarian F**
Griffin GC. Good going, Dr Connell! [editorial] Postgrad Med 1989 Jul;86(1):13, 16
Griffin JW see **Covington JS**
Griffin T see **Austin-Seymour M**
Griffin TC, Christoffel KK, Binns HJ, McGuire PA. Family history evaluation as a predictive screen for childhood hypercholesterolemia. Pediatric Practice Research Group. Pediatrics 1989 Aug;84(2):365–73
Griffith BP see **Murali S**
Griffith BP see **Sanders MH**
Griffith DP see **Gleeson MJ**
Griffiths PD see **Webster A**
Grigg-Saito D see **Meyers AR**
Grignon A see **Steele BT**
Grim PS, Singer PA, Gramelspacher GP, Feldman T, Childers RW, Siegler M. Informed consent in emergency research. Prehospital thrombolytic therapy for acute myocardial infarction. JAMA 1989 Jul 14;262(2):252–5
Grimelius L see **Bondeson L**
Grimer RJ see **Roberts P**
Grimes MM see **Cohen MB**
Grimes MM see **Tazelaar HD**
Gris P, Duchatelet P, Dierckx JP, Demol H, Quoidbach A, Dupont E. Pleural fluid in Wegener's granulomatosis [letter] Chest 1989 Jul;96(1):224
Griscom NT see **Jaramillo D**
Grise V see **Hatziandreu EJ**
Grisham MB see **Deitch EA**
Griswold DE see **Rachmilewitz D**
Griswold VJ see **Garber HJ**
Gritter HL see **Stephan MJ**
Grizzle WE, Dunlap N. Cushing's syndrome. Diagnosis of the atypical patient [editorial] Arch Pathol Lab Med 1989 Jul;113(7):727–8
Grob D see **Mokhtarian F**
Groeger JS, Levinson MR, Carlon GC. Assist control versus synchronized intermittent mandatory ventilation during acute respiratory failure. Crit Care Med 1989 Jul; 17(7):607–12
Groen JJ see **Kahn HA**
Groenen PJ see **van de Winkel JG**
Grogan DP, Love SM, Ogden JA, Millar EA, Johnson LO. Chondro-osseous growth abnormalities after meningococcemia. A clinical and histopathological study. J Bone Joint Surg [Am] 1989 Jul;71(6):920–8
Groher ME see **Enderle EE**
Groop L see **Eriksson J**
Groop LC, Bonadonna RC, DelPrato S, Ratheiser K, Zyck K, Ferrannini E, DeFronzo RA. Glucose and free fatty acid metabolism in non-insulin-dependent diabetes mellitus. Evidence for multiple sites of insulin resistance. J Clin Invest 1989 Jul;84(1):205–13
Groop LC, Luzi L, DeFronzo RA, Melander A. Hyperglycaemia and absorption of sulphonylurea drugs. Lancet 1989 Jul 15;2(8655):129–30
Grooten J see **Vanhaesebroeck B**
Gropper S see **Pigrau C**
Groseld JL see **Rescorla FJ**
Groseld JL see **Rickard KA**
Grosgogeat Y see **Montalescot G**
Grosh WW see **Strnad CM**
Gross A see **Howard MA 3d**
Gross CD see **Beazel EC**
Gross CM see **D'Cruz IA**
Gross CM see **Dick AE**
Gross CR see **Colohan AR**
Gross DM, Robinson LK, Smith LT, Glass N, Rosenberg H, Duvic M. Severe perinatal Marfan syndrome. Pediatrics

1989 Jul;84(1):83–9
Gross GJ see **Farber NE**
Gross I see **Dworetz AR**
Gross MD see **Ikeda DM**
Gross MD see **Starling MR**
Gross SK see **Mobassaleh M**
Gross TP see **Hine LK**
Gross W see **Barker JH**
Grossman E, Oren S, Garavaglia GE, Schmieder R, Messerli FH. Disparate hemodynamic and sympathoadrenergic responses to isometric and mental stress in essential hypertension. Am J Cardiol 1989 Jul 1;64(1):42–4
Grossman RI. Sanguinary efforts [editorial] Radiology 1989 Jul;172(1):13–4
Grossman W see **Reis GJ**
Grosvenor CE see **Shah GV**
Grotz RL, Yeston NS. Intra-aortic balloon counterpulsation in high-risk cardiac patients undergoing noncardiac surgery. Surgery 1989 Jul;106(1):1–5
Groux H see **Huet S**
Grove KL, Speth RC. Rat epididymis contains functional angiotensin II receptors. Endocrinology 1989 Jul; 125(1):223–30
Grove W see **Coryell W**
Grubb RL Jr see **Tempelhoff R**
Gruber DP see **Cross JS**
Gruenhaupt D see **Peterson MW**
Gruetter R see **Boesch C**
Grundfest W see **Litvack F**
Grundfest WS see **Litvack F**
Grundler WG. Prognosis of patients with cirrhosis and chronic liver disease in the medical intensive care unit [letter] Crit Care Med 1989 Jul;17(7):710
Grundy JE see **Webster A**
Grunfeld C see **Feingold KR**
Grunstein MM see **Parsons PE**
Grunstein S see **Ellenbogen A**
Grunwald RP see **DeWood MA**
Guandalini E see **Ciufolini MG**
Guay AT see **Greene JP**
Guazzi MD see **DeCesare N**
Guberski DL, Butler L, Kastern W, Like AA. Genetic studies in inbred BB/Wor rats. Analysis of progeny produced by crossing lymphopenic diabetes-prone rats with nonlymphopenic diabetic rats. Diabetes 1989 Jul; 38(7):887–93
Gubler DJ. Aedes aegypti and Aedes aegypti-borne disease control in the 1990s: top down or bottom up. Charles Franklin Craig Lecture. Am J Trop Med Hyg 1989 Jun; 40(6):571–8
Gubler DJ see **Kaplan JE**
Gudas SA see **Bechard DE**
Gudinchet F, Brunelle F, Barth MO, Taviere V, Brauner R, Rappaport R, Lallemand D. MR imaging of the posterior hypophysis in children. AJR Am J Roentgenol 1989 Aug; 153(2):351–4
Gudipati CV, Kern MJ, Aguirre FV, Deligonul U. Papaverine-induced chest pain due to coronary vascular steal: demonstration with angiographic and intracoronary flow velocity measurements. Am Heart J 1989 Aug; 118(2):404–7
Guerci AD, Weisfeldt ML. Clinical management of acute myocardial infarction. Hosp Pract [Off] 1989 Jul 15; 24(7):67–80 (11 ref.)
Guerin JC see **Salmeron S**
Guerra F see **Milano AD**
Guerra N see **Wald ER**
Guggenheimer J, Verbin RS, Johnson JT, Horkowitz CA, Myers EN. Factors delaying the diagnosis of oral and oropharyngeal carcinomas. Cancer 1989 Aug 15; 64(4):932–5
Guidetti DA, Divon MY, Langer O. Postdate fetal surveillance: is 41 weeks too early? Am J Obstet Gynecol 1989 Jul;161(1):91–3
Guidry JR, Eastwood TF, Curry SC. Phenytoin absorption in volunteers receiving selected enteral feedings. West J Med 1989 Jun;150(6):659–61
Guiguer N Jr see **de Paola AA**
Guillion DS see **Adamson TE**
Guillot O see **Bonnefoy JY**
Guirao J see **Berná JD**
Guize L see **Bonithon-Kopp C**
Gulick R see **Lederman S**
Gullace M see **Kempe A**
Guller B see **Stephan MJ**
Gullo A see **Barzilay E**
Gulmi FA, Mooppan UM, Chou S, Kim H. Atrial natriuretic peptide in patients with obstructive uropathy. J Urol 1989 Aug;142(2):268–72
Guman N see **Ballare C**
Gumley GJ see **Freidberg SR**
Gunby P. Biological weapons proliferation arouses United States and international concern [news] JAMA 1989 Aug 4;262(5):605–6
Gundersen LA, Valle DR, Barr AE, Danoff JV, Stanhope SJ, Snyder-Mackler L. Bilateral analysis of the knee and ankle during gait: an examination of the relationship between lateral dominance and symmetry. Phys Ther 1989 Aug; 69(8):640–50
Günhan O, Sengün O, Celasun B. Epithelial odontogenic ghost cell tumor: report of a case. J Oral Maxillofac Surg 1989 Aug;47(8):864–7
Gunn S see **Owerbach D**
Gunn TR, Tonkin SL. Upper airway measurements during inspiration and expiration in infants. Pediatrics 1989 Jul; 84(1):73–7
Gunter JP. A graphic record of intraoperative maneuvers in rhinoplasty: the missing link for evaluating rhinoplasty results. Plast Reconstr Surg 1989 Aug;84(2):204–12
Gup DI, Baumann M, Lepor H, Shapiro E. Muscarinic cholinergic receptors in normal pediatric and myelodysplastic bladders. J Urol 1989 Aug;142(2 Pt 2):595–9; discussion 603–5
Gupta BK, Khaneja SC, Flores L, Eastlick L, Longmore W, Shaftan GW. The role of intra-aortic balloon occlusion in penetrating abdominal trauma. J Trauma 1989 Jun; 29(6):861–5
Gupta D see **Bartsch C**
Gupta S see **Akriviadis E**
Gurley KE see **Pearce NW**
Gurtner HP see **Gertsch M**
Guskova A see **Baranov A**
Gustafson EJ, Schmaier AH, Wachtfogel YT, Kaufman N, Kucich U, Colman RW. Human neutrophils contain and bind high molecular weight kininogen. J Clin Invest 1989 Jul;84(1):28–35
Gustilo RB see **Maurer DJ**
Guterman A see **Loewenstein DA**
Guth PH see **Thiefin G**
Guth PH see **Yonei Y**
Guthrie HA see **Blake AJ**
Gutierrez FR see **Canter CE**
Gutmann L see **Riggs JE**
Guttmann RD see **Ono SJ**
Guyot M see **Kerr BM**
Guz BV, Straffon RA, Novick AC. Operative approaches to the adrenal gland. Urol Clin North Am 1989 Aug; 16(3):527–34 (13 ref.)
Guzick D see **Hill LM**
Guzman B see **Kaplan EL**
Gvozdanovic D see **Crofton RW**
Gvozdanovic S see **Crofton RW**
Gwadz RW see **Vernick KD**
Gyde OH, Leyland MJ. Rational restriction of out of hours requests for haematology tests. BMJ 1989 May 13; 298(6683):1291–2
Gyngell ML see **Bruhn H**
Gyotoku Y see **Abdelmoula M**

H

Haalboom JR, Deenstra M, Struyvenberg A. Effect of fenoterol on plasma potassium and cardiac ectopic activity [letter] Lancet 1989 Jul 1;2(8653):45
Haan J see **Markusse HM**
Haapanen A, Koskenvuo M, Kaprio J, Kesäniemi YA, Heikkilä K. Carotid arteriosclerosis in identical twins discordant for cigarette smoking. Circulation 1989 Jul; 80(1):10–6
Haas T see **Blair A**
Haasio J see **Heavner JE**
Habermann ET, Lopez RA. Metastatic disease of bone and treatment of pathological fractures. Orthop Clin North Am 1989 Jul;20(3):469–86 (74 ref.)
Habermann TM see **Gastineau DA**
Habib MP. Physiologic implications of artificial airways. Chest 1989 Jul;96(1):180–4 (14 ref.)
Habicht JP see **Lutter CK**
Hackney JD see **Linn WS**
Hadden TA see **Benzel EC**
Haddow JE see **Osathanondh R**
Hadeed AJ, Siegel SR. Maternal cocaine use during pregnancy: effect on the newborn infant. Pediatrics 1989 Aug;84(2):205–10
Hadjis NS, Adam A, Blenkharn I, Hatzis G, Benjamin IS, Blumgart LH. Primary sclerosing cholangitis associated with liver atrophy. Am J Surg 1989 Jul;158(1):43–7
Hadler JL see **Farley TA**
Hadley MN, Spetzler RF, Sonntag VK. The transoral approach to the superior cervical spine. A review of 53 cases of extradural cervicomedullary compression. J Neurosurg 1989 Jul;71(1):16–23
Hadziselimovic F, Herzog B, Liebundgut B, Jenny P, Buser M. Testicular and vascular changes in children and adults with varicocele. J Urol 1989 Aug;142(2 Pt 2):583–5; discussion 603–5
Hadziselimovic F see **Huff DS**
Hafez M, el-Battoty MF, Hawas S, al-Tonbary Y, Sheishaa A, el-Sallab S, el-Morsi Z, el-Ziny M, Hawas SE. Evidence of inherited susceptibility of increased streptococcal adherence to pharyngeal cells of children with rheumatic fever. Br J Rheumatol 1989 Aug;28(4):304–9
Haffner SM see **Stern MP**
Hafner AW. In focus. Computers and the legal standard of care. Arch Ophthalmol 1989 Jul;107(7):966
Hagen MD, Meyer KB, Kopelman RI, Pauker SG. Human immunodeficiency virus infection in health care workers. A method for estimating individual occupational risk. Arch Intern Med 1989 Jul;149(7):1541–4
Hagenbeek A see **Jansen RF**
Hagglund KJ, Haley WE, Reveille JD, Alarcón GS. Predicting individual differences in pain and functional impairment among patients with rheumatoid arthritis. Arthritis Rheum 1989 Jul;32(7):851–8
Hagiya M see **Kochi T**
Hague B see **Stanley TH**
Hague B see **Streisand JB**
Hahn AB, Soloski MJ. Anti-Qa-2-induced T cell activation. The parameters of activation, the definition of mitogenic and nonmitogenic antibodies, and the differential effects on CD4+ vs CD8+ T cells. J Immunol 1989 Jul 15; 143(2):407–13
Hahn PF see **Fretz CJ**
Hahn SS see **Stewart FM**
Hahn T see **Vaisman N**
Hainsworth JD see **Strnad CM**
Haire WD see **Conlan MG**
Haj M see **Mizrahi S**
Hajdu S see **LaQuaglia MP**
Hajduczok ZD see **Rumberger JA**
Haka-Ikse K see **Geary DF**
Hakim TS, Maarek JM, Chang HK. Estimation of pulmonary capillary pressure in intact dog lungs using the arterial occlusion technique. Am Rev Respir Dis 1989 Jul; 140(1):217–24
el Halawani ME see **Porter TE**
Halbach VA see **King MA**
Halbreich U, Bakhai Y, Bacon KB, Goldstein S, Asnis GM, Endicott J, Lesser J. The normalcy of self-proclaimed "normal volunteers". Am J Psychiatry 1989 Aug; 146(8):1052–5
Hale CB, Druschel CM. Infant mortality among moderately low birth weight infants in Alabama, 1980 to 1983. Pediatrics 1989 Aug;84(2):285–9
Hale J. After Montreal, international AIDS conferences will never be the same. Can Med Assoc J 1989 Jul 15; 141(2):144–6
Haley NJ, Sepkovic DW, Hoffmann D. Elimination of cotinine from body fluids: disposition in smokers and nonsmokers. Am J Public Health 1989 Aug;79(8):1046–8
Haley NJ see **Henderson FW**
Haley NR see **Eschbach JW**
Haley WE see **Hagglund KJ**
Halgunset J see **Tvedt KE**
Halik J see **Biem J**
Halkar RK. Budd-Chiari syndrome [letter] Radiology 1989 Aug;172(2):580
Hall BF see **Da Silva RP**
Hall BM see **Pearce NW**
Hall CB see **Kempe A**
Hall CD see **Salyer KE**
Hall D see **Shin JH**
Hall FM. Breast microcalcifications after lumpectomy and radiation therapy [letter] Radiology 1989 Aug;172(2):577–8
Hall FM. Circumscribed intraductal carcinoma of the breast [letter] Radiology 1989 Aug;172(2):579–80
Hall FM see **Pisano ED**
Hall J see **Steinbok P**
Hall JE see **Hopkins CC**
Hall JN see **McNeill GC**
Hall PM. Can progression of renal disease be prevented? Postgrad Med 1989 Jul;86(1):113–5, 120 (19 ref.)
Hall SL. Reconsideration of IgM-enriched intravenous immunoglobulin for neonatal sepsis [letter] Am J Dis Child 1989 Jul;143(7):766
Hall TR, Kangarloo H. Magnetic resonance imaging of the musculoskeletal system in children. Clin Orthop 1989 Jul; (244):119–30 (29 ref.)
Hallberg L, Rossander-Hulthén L, Gramatkovski E. Iron fortification of flour with a complex ferric orthophosphate. Am J Clin Nutr 1989 Jul;50(1):129–35
Haller RG, Lewis SF, Estabrook RW, DiMauro S, Servidei S, Foster DW. Exercise intolerance, lactic acidosis, and abnormal cardiopulmonary regulation in exercise associated with adult skeletal muscle cytochrome c oxidase deficiency. J Clin Invest 1989 Jul;84(1):155–61
Hallett JW Jr. Minimizing the use of homologous blood products during repair of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):817–26 (25 ref.)
Hallett M, Cohen LG. Magnetism. A new method for stimulation of nerve and brain [clinical conference] JAMA 1989 Jul 28;262(4):538–41
Halliday D see **Harrison RA**
Hallissey MT see **Crowson MC**
Halperin DL, Koren G, Attias D, Pellegrini E, Greenberg ML, Wyss M. Topical skin anesthesia for venous, subcutaneous drug reservoir and lumbar punctures in children. Pediatrics 1989 Aug;84(2):281–4
Halperin J see **Fuster V**
Halperin N see **Robinson D**
Halperin WE see **Roscoe RJ**
Halpern Z, Dan M, Giladi M, Schwartz I, Sela O, Levo Y. Shigellosis in adults: epidemiologic, clinical, and laboratory features. Medicine (Baltimore) 1989 Jul;68(4):210–7
Ham EK see **Kim YI**
Hamaguchi Y, Juhn SK, Morizono T, Sakakura Y. Proteases and protease inhibitors in immune complex otitis media in chinchillas. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):563–8
Hamanaka D see **Hayakawa K**
Hamann KJ see **Barker RL**
Hamazaki M see **Yokota M**
Hamberg P see **Weiss CB**
Hamburger C see **Bruhn H**
Hamburger J, Weil M, Anton M, Turetzky T. Schistosoma mansoni antigens recognized in Biomphalaria glabrata

hemolymph by monoclonal antibodies.
Am J Trop Med Hyg 1989 Jun;40(6):605–12
Hamburger J, Weil M, Turetzky T, Ouma JH, Koech DK, Klumpp R, Siongok TK, Sturrock RF. Identification of snails infected with schistosomes by ELISA employing monoclonal antibodies: Schistosoma mansoni in laboratory snails (Biomphalaria glabrata) and in field snails (Biomphalaria pfeifferi) from Kenya.
Am J Trop Med Hyg 1989 Jun;40(6):613–9
Hamburger JI, Kaplan MM. Hypothyroidism. Don't treat patients who don't have it. Postgrad Med 1989 Jul; 86(1):67–74 (10 ref.)
Hamed LM, Winward KE, Glaser JS, Schatz NJ. Optic neuropathy in uremia. Am J Ophthalmol 1989 Jul 15; 108(1):30–5
Hamilton JA see Leizer T
Hamilton JT see Tracey WR
Hamilton PW see Kenny BD
Hamilton S see Kroll SS
Hamlin RL see Lash JM
Hammar SP see Moore AD
Hammerle C see Winkler JR
Hammersen F see Barker JH
Hammill HA see Martens MG
Hammond G see Ogilvie S
Hamon C see Altmann P
Hamou MF see Kuppner MC
Hamper UM see Scatarige JC
Hamulyàk K see Thijssen HH
Hamza HM see Ahmed A
Han BK see Ford LM
Hanaki Y, Sugiyama S, Hieda N, Taki K, Hayashi H, Ozawa T. Cardioprotective effects of various class I antiarrhythmic drugs in canine hearts. J Am Coll Cardiol 1989 Jul; 14(1):219–24
Hanashima K see Kubota I
Hanauer SB see Lashner BA
Hancock EW. Palpitation and abnormal ECG in muscular dystrophy. Hosp Pract [Off] 1989 Jul 15;24(7):21, 24
Hand CR see D'Cruz IA
Handagama PJ, Shuman MA, Bainton DF. Incorporation of intravenously injected albumin, immunoglobulin G, and fibrinogen in guinea pig megakaryocyte granules.
J Clin Invest 1989 Jul;84(1):73–82
Hands ME, Rutherford JD, Muller JE, Davies G, Stone PH, Parker C, Braunwald E. The in-hospital development of cardiogenic shock after myocardial infarction: incidence, predictors of occurrence, outcome and prognostic factors. The MILIS Study Group. J Am Coll Cardiol 1989 Jul; 14(1):40–6; discussion 47–8
Haneda K see Yamaki S
Hanekop G see Weyland A
Hänicke W see Bruhn H
Hankin BR see Bergelson BA
Hanks GA, Kalenak A, Bowman LS, Sebastianelli WJ. Stress fractures of the carpal scaphoid. A report of four cases. J Bone Joint Surg [Am] 1989 Jul;71(6):938–41
Hanks GW see Mansi JL
Hanks JB see Krusch DA
Hanley DF see Whitley RJ
Hannan EL, O'Donnell JF, Kilburn H Jr, Bernard HR, Yazici A. Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. JAMA 1989 Jul 28;262(4):503–10
Hans P, Albert A, Franssen C, Born J. Improved outcome prediction based on CSF extrapolated creatine kinase BB isoenzyme activity and other risk factors in severe head injury. J Neurosurg 1989 Jul;71(1):54–8
Hansbrough JF, Gadd MA. Temporal analysis of murine lymphocyte subpopulations by monoclonal antibodies and dual-color flow cytometry after burn and nonburn injury. Surgery 1989 Jul;106(1):69–80
Hansen HH see Hirsch FR
Hansen JA see Harley JB
Hansen PV, Trykker H, Andersen J, Helkjaer PE. Germ cell function and hormonal status in patients with testicular cancer. Cancer 1989 Aug 15;64(4):956–61
Hanson PJ, Gor D, Clarke JR, Chadwick MV, Nicholson G, Shah N, Gazzard B, Jeffries DJ, Gaya H, Collins JV. Contamination of endoscopes used in AIDS patients.
Lancet 1989 Jul 8;2(8654):86–8
Hantel A, Dick JD, Karp JE. Listeriosis in the setting of malignant disease. Changing issues in an unusual infection. Cancer 1989 Jul 15;64(2):516–20
Hanukoglu A, Chalew SA, Sun CJ, Dorfman HD, Bright RW. Surgically curable hypophosphatemic rickets. Diagnosis and management. Clin Pediatr (Phila) 1989 Jul;28(7):321–5
Haponik EF see Mahatma M
Har-Zahav Y see Barbash GI
Hara J see Kawa-Ha K
Hardcastle JD see Waldock A
Hardesty RL see Murali S
Hardesty RL see Sanders MH
Hardin CA see Erramouspe J
Hardin KK see Wilson ME
Harding AE see Collinge J
Harding KG see Finlay AY
Hardwicke MB see McIlroy MA
Hardy DC see Katz ME
Hardy PA. Stellate ganglion block with bupivacaine. Minimum effective concentration of bupivacaine and the effect of added potassium. Anaesthesia 1989 May; 44(5):398–9
Hardy RR see Carroll AM
Hardy RR see Morse HC 3d
Hare JW see Greene MF
Hargis BM see Porter TE
Hargrave PA see Vrabec T
Hargreave TB see Parmar MK
Hargrett-Bean N see Spika JS
Harioka T, Sone T, Toda H, Miyake C. Malignant hyperthermia in a hemodialysis patient. Anesth Analg 1989 Jul;69(1):985–7
Harkins BJ see Stewart FM
Harkins S see Gibeault JD
Harlan CW. Carbon monoxide poisoning in a motel [letter] JAMA 1989 Aug 11;262(6):771–2
Harley JB, Sestak AL, Willis LG, Fu SM, Hansen JA, Reichlin M. A model for disease heterogeneity in systemic lupus erythematosus. Relationships between histocompatibility antigens, autoantibodies, and lymphopenia or renal disease. Arthritis Rheum 1989 Jul; 32(7):826–36
Harlow BL see Cramer DW
Harmon JW see Korman LY
Harmon TW see Pedersen H
Harnar TJ see Dobke MK
Harness BZ, Kraus MB. Hospitals play key role in women's health. Hospitals 1989 Jul 5;63(13):FB52, FB54
Harnsberger HR see Robinson JD
Harpaz N see Wenig BM
Harper MC. Fractures and Fracture-Dislocations of the Tarsometatarsal Joint [letter] J Bone Joint Surg [Am] 1989 Jul;71(6):952–3
Harrell FE see Brazer SR
Harrier HD see Shoemaker WC
Harris BA, Dyrek DA. A model of orthopaedic dysfunction for clinical decision making in physical therapy practice. Phys Ther 1989 Jul;69(7):548–53 (12 ref.)
Harris DT, Jaso-Friedmann L, Devlin RB, Koren HS, Evans DL. Identification of a human natural killer cell target cell antigen with monoclonal antibodies. J Immunol 1989 Jul 15;143(2):727–35
Harris ES, Weston DR, Lieberman AF. Quality of mother-infant attachment and pediatric health care use. Pediatrics 1989 Aug;84(2):248–54
Harris JR see Schnitt SJ
Harris JR see Stomper PC
Harris JR see van Dongen JA
Harris KM see Mendelson EB
Harris LK. Chelation therapy and Uncle John [letter] Can Med Assoc J 1989 Jul 15;141(2):98
Harris RB see Hyman RB
Harris RD see Edwards ME
Harris RE see Zang EA
Harris VJ, Jackson VP. Indications for breast imaging in women under age 35 years. Radiology 1989 Aug; 172(2):445–8
Harrison DJ, Kharbanda R, Cunningham DS, McLellan LI, Hayes JD. Distribution of glutathione S-transferase isoenzymes in human kidney: basis for possible markers of renal injury. J Clin Pathol 1989 Jun;42(6):624–8
Harrison JR, Petersen DN, Lichtler AC, Mador AT, Rowe DW, Kream BE. 1,25-Dihydroxyvitamin D3 inhibits transcription of type I collagen genes in the rat osteosarcoma cell line ROS 17/2.8. Endocrinology 1989 Jul;125(1):327–33
Harrison LC, Campbell IL, Allison J, Miller JF. MHC molecules and beta-cell destruction. Immune and nonimmune mechanisms. Diabetes 1989 Jul;38(7):815–8 (26 ref.)
Harrison LC see Campbell IL
Harrison LH, Broome CV, Hightower AW. Haemophilus influenzae type b polysaccharide vaccine: an efficacy study. Haemophilus Vaccine Efficacy Study Group. Pediatrics 1989 Aug;84(2):255–61
Harrison LH see Assimos DG
Harrison MR see Verrier ED
Harrison RA, Lewin MR, Halliday D, Clark CG. Leucine kinetics in surgical patients. II: A study of the effect of malignant disease and tumour burden. Br J Surg 1989 May; 76(5):509–11
Harrison RA, Lewin MR, Halliday D, Clark CG. Leucine kinetics in surgical patients, I: A study of the effect of surgical 'stress'. Br J Surg 1989 May;76(5):505–8
Hart LG see Schneeweiss R
Hart M see Brakenhoff JP
Hartford M see Herlitz J
Hartge P, Schiffman MH, Hoover R, McGowan L, Lesher L, Norris HJ. A case-control study of epithelial ovarian cancer. Am J Obstet Gynecol 1989 Jul;161(1):10–6
Hartley TM see Kaplan JE
Hartling RP, McGahan JP, Lindfors KK, Blaisdell FW. Stab wounds to the neck: role of angiography. Radiology 1989 Jul;172(1):79–82
Hartman C see Prentky RA
Hartman DS see Davidson AJ
Hartmann AF Jr see Canter CE
Hartnell G see Cobby M
Hartung K see von Wussow P
Hartwell T see Stone PH
Hartzler GO see O'Keefe JH Jr
Haruda F. "Hip-pocket" sign in the diagnosis of nicotine poisoning [letter] Pediatrics 1989 Jul;84(1):196
Harver A, Mahler DA, Daubenspeck JA. Targeted inspiratory muscle training improves respiratory muscle function and reduces dyspnea in patients with chronic obstructive pulmonary disease. Ann Intern Med 1989 Jul 15; 111(2):117–24
Harvey D see Patten RM
Harvey L see Kesler KA
Harviel JD, Landsman I, Greenberg A, Copes WS, Flanagan ME, Champion HR. The effect of autopsy on injury severity and survival probability calculations. J Trauma 1989 Jun;29(6):766–72; discussion 772–3
Hasenfuss G, Holubarsch C, Heiss HW, Meinertz T, Bonzel T, Wais U, Lehmann M, Just H. Myocardial energetics in patients with dilated cardiomyopathy. Influence of nitroprusside and enoximone. Circulation 1989 Jul; 80(1):51–64
Hashimoto H see Ding J
Hassall E, Berquist WE, Ament ME, Vargas J, Dorney S. Sclerotherapy for extrahepatic portal hypertension in childhood. J Pediatr 1989 Jul;115(1):69–74
Hassan T see Soong HK
Hasselgren PO see Benson DW
Hassler W, Steinmetz H, Pirschel J. Transcranial Doppler study of intracranial circulatory arrest. J Neurosurg 1989 Aug;71(2):195–201
Hasty L see Rando RF
Hasty L see Sedlacek TV
Hatamori N see Nagata M
Hatanaka I see Yasuda H
Hatano Y, Nakamura K, Moriyama S, Mori K, Toda N. The contractile responses of isolated dog cerebral and extracerebral arteries to oxybarbiturates and thiobarbiturates. Anesthesiology 1989 Jul;71(1):80–6
Hatcher G see Barry W
Hatfield AR see Dowsett JF
Hatton JD see U HS
Hatton RC, Marcadis ML. Sublingual nifedipine in acute severe hypertension [letter] Arch Dis Child 1989 Apr; 64(4):633
Hatziandreu EJ, Pierce JP, Fiore MC, Grise V, Novotny TE, Davis RM. The reliability of self-reported cigarette consumption in the United States. Am J Public Health 1989 Aug;79(8):1020–3
Hatzis G see Hadjis NS
Haubrich J see Bullerdiek J
Haugen OA see Tvedt KE
Haughey BH see Gates GA
Haughton VM see Breger RK
Hauner H, Wabitsch M, Zwiauer K, Widhalm K, Pfeiffer EF. Adipogenic activity in sera from obese children before and after weight reduction. Am J Clin Nutr 1989 Jul;50(1):63–7
Haupt A see Haupt G
Haupt G, Haupt A, Donovan JM, Drach GW, Chaussy C. Short-term changes of laboratory values after extracorporeal shock wave lithotripsy: a comparative study. J Urol 1989 Aug;142(2):259–62
Hausman DB see Bue JM
Hausman M. Microvascular applications in limb sparing tumor surgery. Orthop Clin North Am 1989 Jul; 20(3):427–37 (52 ref.)
Haverkos HW, Bukoski WJ Jr, Amsel Z. The initiation of male homosexual behavior [letter] JAMA 1989 Jul 28; 262(4):501
Haverty TP, Watanabe M, Neilson EG, Kelly CJ. Protective modulation of class II MHC gene expression in tubular epithelium by target antigen-specific antibodies.
Cell-surface directed down-regulation of transcription can influence susceptibility to murine tubulointerstitial nephritis. J Immunol 1989 Aug 15;143(4):1133–41
Havinga R see Bijleveld CM
Havlir DV see Wallis RS
Hawas S see Hafez M
Hawas SE see Hafez M
Hawes DR see Yuh WT
Hawkins HA see Malik RL
Hawkins JW, Vacek JL. What constitutes definitive therapy of malignant pericardial effusion? "Medical" versus surgical treatment. Am Heart J 1989 Aug;118(2):428–32
Hawkins ML see Sherman JC
Haworth JC see Booth FA
Haworth JC see Greenberg CR
Hayakawa K, Konishi Y, Matsuda T, Kuriyama M, Konishi K, Yamashita K, Okumura R, Hamanaka D. Development and aging of brain midline structures: assessment with MR imaging. Radiology 1989 Jul;172(1):171–7
Hayakawa K see Morse HC 3d
Hayakawa M see Nagata M
Hayashi A, Maruyama Y. The "reduced" latissimus dorsi musculocutaneous flap. Plast Reconstr Surg 1989 Aug; 84(2):290–5
Hayashi H see Hanaki Y
Hayashi H see Imaseki H
Hayashi H see Kamihara S
Hayashi H see Takiguchi M
Hayashi JD see Ferguson TA
Hayashi K see Mori H
Hayashi T see Anegawa S
Hayashi T see Nagasue N
Hayat S see Khardori N
Hayden GF, Murphy TF, Hendley JO. Non-group A streptococci in the pharynx. Pathogens or innocent bystanders? Am J Dis Child 1989 Jul;143(7):794–7

Hayden MR. The genetic aspects of atherosclerosis and hyperlipidemia. Can Med Assoc J 1989 Jul 15;141(2):135
Hayden SP see **Smith AS**
Hayes AA, Mullan B, Lovegrove FT, Rose AH, Musk AW, Robinson BW. Gallium lung scanning and bronchoalveolar lavage in crocidolite-exposed workers. Chest 1989 Jul; 96(1):22-6
Hayes G see **Richards-Kortum R**
Hayes JD see **Harrison DJ**
Haylar KM see **O'Grady JG**
Haymond MW see **Rodriguez NR**
Hays LB. From the Health Care Financing Administration. JAMA 1989 Jul 21;262(3):328
Hays LJ, Lerman BB, DiMarco JP. Nonventricular arrhythmias as precursors of ventricular fibrillation in patients with out-of-hospital cardiac arrest. Am Heart J 1989 Jul;118(1):53-7
Hayward C, Killen JD, Taylor CB. Panic attacks in young adolescents. Am J Psychiatry 1989 Aug;146(8):1061-2
Hayward C, Taylor CB, Roth WT, King R, Agras WS. Plasma lipid levels in patients with panic disorder or agoraphobia. Am J Psychiatry 1989 Jul;146(7):917-9
Hayward RA see **Shapiro MF**
Hazuda HP see **Stern MP**
Heafield MT see **Steventon GB**
Healey JH, Lane JM. Chordoma: a critical review of diagnosis and treatment. Orthop Clin North Am 1989 Jul; 20(3):417-26 (62 ref.)
Heare MM see **Heare TC**
Heare TC, Eaneking WF, Heare MM. Staging techniques and biopsy of bone tumors. Orthop Clin North Am 1989 Jul;20(3):273-85 (29 ref.)
Heather BP see **O'Kelly TJ**
Heaton ND, Clark AW. Rectus abdominis muscle flap [letter] Br J Surg 1989 May;76(5):525
Heavner JE, Leinonen L, Haasio J, Kytta J, Rosenberg PH. Interaction of lidocaine and hypothermia in Bier blocks in volunteers. Anesth Analg 1989 Jul;69(1):919-25
Hebel JR see **Warren JW**
Hecht JT, Butler IJ, Horton WA. Foramen magnum decompression for homozygous achondroplasia [letter] J Neurosurg 1989 Aug;71(2):300-1
Heck CF see **Pellegrini CA**
Hedfors E. The clinical use of immunohistopathology [editorial] Br J Rheumatol 1989 Aug;28(4):278-80
Hedfors E see **Lindahl G**
Hedge GA see **Michalkiewicz M**
Hedges TR 3d see **Klein BR**
Hedges TR 3d see **Young WB**
Hedley ML, Forman J, Tucker PW. Mutation of 3' splice sites in two different class I genes results in different usage of cryptic splice sites. J Immunol 1989 Aug 1; 143(3):1018-25
Hedley ML, Ozato K, Maryanski J, Tucker PW, Forman J. Expression of mutant H-2d proteins encoded by class I genes which alternatively process the 5' end of their transcripts. J Immunol 1989 Aug 1;143(3):1026-31
Hedrick TD see **Johnston DL**
Heffner JE. Medical indications for tracheotomy. Chest 1989 Jul;96(1):186-90 (6 ref.)
Heffner L see **Greene MF**
Hefton J see **Madden MR**
Heger JJ see **Stanton MS**
Hegsted DM see **Ausman LM**
Hegsted M see **Howat PM**
Heidenreich PA see **Lashner BA**
Heidenreich S, Gong JH, Schmidt A, Nain M, Gemsa D. Macrophage activation by granulocyte/macrophage colony-stimulating factor. Priming for enhanced release of tumor necrosis factor-alpha and prostaglandin E2. J Immunol 1989 Aug 15;143(4):1198-205
Heikkilä J see **Niemelä S**
Heikkilä K see **Haapanen A**
Heikkilä P see **Kahri AI**
Heikkila RE see **Sage JI**
Heilbrun LK see **de Braud F**
Heim S see **Lundgren R**
Heinonen E see **Hirvonen HE**
Heinrichs W, Mertzlufft F, Dick W. Accuracy of delivered versus preset minute ventilation of portable emergency ventilators. Crit Care Med 1989 Jul;17(7):682-5
Heintz GC see **Barbee JG**
Heiss HW see **Hasenfuss G**
Heitter D see **Vasseur PB**
Held AC see **Lavine SJ**
Helkjaer PE see **Hansen PV**
Hellemans H see **Balsano F**
Heller DS, Keohane M, Bessim S, Jagirdar J, Deligdisch L. Pituitary-containing benign cystic teratoma arising from the uterosacral ligament. Arch Pathol Lab Med 1989 Jul; 113(7):802-4
Heller G see **LaQuaglia MP**
Hellerstein MK, Meydani SN, Meydani M, Wu K, Dinarello CA. Interleukin-1-induced anorexia in the rat. Influence of prostaglandins. J Clin Invest 1989 Jul;84(1):228-35
Hellgren L, Vincent J. Débriding properties of krill enzymes in necrotic leg ulcers [letter] Arch Dermatol 1989 Jul; 125(7):1006
Helling TS, Duke P, Beggs CW, Crouse LJ. A prospective evaluation of 68 patients suffering blunt chest trauma for evidence of cardiac injury. J Trauma 1989 Jul;29(7):961-5; discussion 965-6
Hellman RS, Tikofsky RS, Collier BD, Hoffmann RG, Palmer DW, Glatt SL, Antuono PG, Isitman AT, Papke RA. Alzheimer disease: quantitative analysis of I-123-iodoamphetamine SPECT brain imaging. Radiology 1989 Jul;172(1):183-8
Hellstrom WJ, Stone AR, Deitch AD, deVere White RW. The clinical application of aspiration deoxyribonucleic acid flow cytometry to neurologically impaired men entering an electroejaculation program. J Urol 1989 Aug;142(2):309-12
Helms RW see **Henderson FW**
Helmy ES, Bays RA, Sharawy MM. Synovial chondromatosis associated with experimental osteoarthritis in adult monkeys. J Oral Maxillofac Surg 1989 Aug;47(8):823-7
Helwig EB see **Burke AP**
Hemachudha C see **Innis BL**
Hempleman SC see **Barnas GM**
Henahan JF. Some late reports from the front in war against various sexually transmitted diseases [news] JAMA 1989 Jul 14;262(2):177, 181
Hench KD see **Manasco PK**
Hendee WR see **Berger ES**
Hendel D see **Robinson D**
Henderson FW, Reid HF, Morris R, Wang OL, Hu PC, Helms RW, Forehand L, Mumford J, Lewtas J, Haley NJ, et al. Home air nicotine levels and urinary cotinine excretion in preschool children. Am Rev Respir Dis 1989 Jul; 140(1):197-201
Henderson JM see **Lumsden AB**
Henderson MJ, McGinlay JM, Candall DB. Heparin and suspected Sanfillipo syndrome [letter] Arch Dis Child 1989 Apr;64(4):633-4
Hendley JO see **Hayden GF**
Hendren WH see **Peters CA**
Hendricks J see **Wood CD**
Hendryx PM. Psychosocial changes perceived by closed-head-injured adults and their families. Arch Phys Med Rehabil 1989 Jul;70(7):526-30
Heney D, Lewis IJ, Bailey CC. Acute ifosfamide-induced tubular toxicity [letter] Lancet 1989 Jul 8;2(8654):103-4
Heney D see **Choonara IA**
Henkin R see **Caref EB**
Henkin R see **el-Sherif N**
Henly PJ see **McKeigue PM**
Hennes HJ see **Jantzsen JP**
Henningsen P see **Thomassen A**
Henrich WL see **Palmer BF**
Henriksson J see **Boström M**
Henry CH, Hills EC. Traumatic emphysema of the head, neck, and mediastinum associated with maxillofacial trauma: case report and review. J Oral Maxillofac Surg 1989 Aug;47(8):876-82 (47 ref.)
Henry DA, O'Connell DL. Effects of fibrinolytic inhibitors on mortality from upper gastrointestinal haemorrhage. BMJ 1989 Apr 29;298(6681):1142-6
Henry WL see **Brodsky MA**
Henry-Amar M see **Salmeron S**
Henschen A see **Galanakis DK**
Hensens OD see **Pettibone DJ**
Hensley GR see **DeWood MA**
Henzlova MJ, Nath H, Bucy RP, Bourge RC, Kirklin JK, Rogers WJ. Coronary artery to right ventricle fistula in heart transplant recipients: a complication of endomyocardial biopsy. J Am Coll Cardiol 1989 Jul; 14(1):258-61
Heo J see **Kong B**
Herbert CP, Wiebe ER. That notwithstanding clause again [letter] Can Med Assoc J 1989 Jul 15;141(2):97-8
Herbert R see **Wolff MS**
Herbet D see **Heyd J**
Herbst H see **Niedobitek G**
Herbst M see **Hinderliter AL**
Herchergs AA, Tadmor R, Findler G, Sahar A, Brenner H. Hypofractionated radiation therapy and concurrent cisplatin in malignant cerebral gliomas. Rapid palliation in low performance status patients. Cancer 1989 Aug 15; 64(4):816-20
Herder SL. More cardiac dressage: galop, gallop, gal(l)opitty glop [letter] JAMA 1989 Jul 21;262(3):352
Herdman RC. The congressional Office of Technology Assessment [editorial] JAMA 1989 Jul 28;262(4):550
Herfarth C see **Hölting T**
Herfkens RJ see **Baker ME**
Herfkens RJ see **Nokes SR**
Herington AC see **Ymer SI**
Herlitz J, Hartford M, Bjoma M, Karlson BW, Ekström L, Risenfors M, Wennerblom B, Luepker RV, Holmberg S. Effect of a media campaign on delay times and ambulance use in suspected acute myocardial infarction. Am J Cardiol 1989 Jul 1;64(1):90-3
Herman CJ see **Kirkels WJ**
Herman RJ, Van Pham JD, Szakacs CB. Disposition of lorazepam in human beings: enterohepatic recirculation and first-pass effect. Clin Pharmacol Ther 1989 Jul;46(1):18-25
Hermann RC see **Gastineau DA**
Hermans PE see **Paya CV**
Hermreck AS. Prevention and management of surgical complications during repair of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):869-94 (124 ref.)
Hernandez ER, Roberts CT Jr, LeRoith D, Adashi EY. Rat ovarian insulin-like growth factor I (IGF-I) gene expression is granulosa cell-selective: 5'-untranslated mRNA variant representation and hormonal regulation. Endocrinology 1989 Jul;125(1):572-4
Hernandez RE see **Ertan A**
Herold BC see **Arditi M**
Herold C see **Vogelsang H**
Heron CW see **Williams MP**
Heros DO see **Young WB**
Heros RC see **Geau AD**
Herr H see **LaQuaglia MP**
Herrera GQ see **Johnson JV**
Herrera L see **Warneke J**
Herrera MG see **Lutter CK**
Herrero L see **Acedo A**
Herrington CS, Burns J, Graham AK, Bhatt B, McGee JO. Interphase cytogenetics using biotin and digoxigenin labelled probes II: Simultaneous differential detection of human and papilloma virus nucleic acids in individual nuclei. J Clin Pathol 1989 Jun;42(6):601-6
Herrington CS, Burns J, Graham AK, Evans M, McGee JO. Interphase cytogenetics using biotin and digoxigenin labelled probes I: relative sensitivity of both reporter molecules for detection of HPV16 in CaSki cells. J Clin Pathol 1989 Jun;42(6):592-600
Herrmann D see **Olson JD**
Herrmann HC see **Aroney CN**
Herrod HG see **Weir AB 3d**
Hershman JM see **Pang XP**
Hershman JM see **Simard M**
Hertz H see **Carstensen H**
Hertz M see **Zissin R**
Hertzberg BS see **Distell BM**
Hervé C see **Castaigne AD**
Herz F see **Koss LG**
Herzog A, Minne H, Ziegler R. Retroperitoneal fibrosis in a patient with macroprolactinoma treated with bromocriptine. BMJ 1989 May 13;298(6683):1315
Herzog AR, Kahn RL, Morgan JN, Jackson JS, Antonucci TC. Age differences in productive activities. J Gerontol 1989 Jul;44(4):S129-38
Herzog B see **Hadziselimovic F**
Herzog DB see **Fava M**
Hesch RD see **Köhrle J**
Hescock H Jr, Parker M, Wang TY, Ballinger R, Balducci L. Metastatic carcinoma of unknown primary: complete response to second-line treatment with plicamycin. Am J Med Sci 1989 Jul;298(1):34-7
Heseltine PN see **Bridge TP**
Hesketh PJ, Clapp RW, Doos WG, Spechler SJ. The increasing frequency of adenocarcinoma of the esophagus. Cancer 1989 Jul 15;64(2):526-30
Hess A see **Fischer AC**
Hessel EA 2d. Intraoperative management of abdominal aortic aneurysms. The anesthesiologist's viewpoint. Surg Clin North Am 1989 Aug;69(4):775-93 (182 ref.)
Hestrin LB see **Litvack F**
Hetherington HP see **Weiner MW**
Hetherington J, Dickersin K, Chalmers I, Meinert CL. Retrospective and prospective identification of unpublished controlled trials: lessons from a survey of obstetricians and pediatricians. Pediatrics 1989 Aug;84(2):374-80
Hetherington J see **Hussein N**
Heusdens FA see **Rutgers M**
Hewitt CR, Feldmann M. Human T cell clones present antigen. J Immunol 1989 Jul 15;143(2):762-9
Heyd J, Livni N, Herbet D, Mor-Yosef S, Glaser B, Gastrin-producing ovarian cystadenocarcinoma: sensitivity to secretin and SMS 201-995. Gastroenterology 1989 Aug; 97(2):464-7
Heyder N see **Ell C**
Heyman S see **Keating MA**
Heywood JT see **Bansal RC**
Hiatt P see **Blanc PD**
Hibbard RA see **Golden MP**
Hick JF, Charboneau JW, Brakke DM, Goergen B. Optimum needle length for diphtheria-tetanus-pertussis inoculation of infants. Pediatrics 1989 Jul;84(1):136-7
Hickey AE see **Litvack F**
Hickey PR. Perioperative cardiovascular collapse in a patient previously treated with doxorubicin [letter] Anesth Analg 1989 Jul;69(1):1004-5
Hickey RC see **Chu DZ**
Hickey RC see **Samaan NA**
Hickey RC see **Venkatesh S**
Hickish T, Cunningham D. Detecting t(14;18) in paraffin-embedded lymphoma tissue [letter] Lancet 1989 Jul 22;2(8656):218-9
Hider RC see **Porter JB**
Hieda N see **Hanaki Y**
Hieshima GB see **King MA**
Hieshima GB see **King WA**
Higashino SS see **Kersting-Sommerhoff BA**
Higenbottam T, Jackson M, Woolman P, Lowry R, Wallwork J. The cough response to ultrasonically nebulized distilled water in heart-lung transplantation patients. Am Rev Respir Dis 1989 Jul;140(1):58-61
Higenbottam T, Jackson M, Rashdi T, Stewart S, Coutts C, Wallwork J. Lung rejection and bronchial hyperresponsiveness to methacholine and ultrasonically nebulized distilled water in heart-lung transplantation patients. Am Rev Respir Dis 1989 Jul;140(1):52-7
Higenbottam TW see **Millet B**
Higgins CB. Success of acute thrombolytic therapy in acute

myocardial infarction: what does it demand from cardiac imaging in the 1990s? [editorial] Radiology 1989 Jul; 172(1):17–9
Higgins CB see **Auffermann W**
Higgins CB see **Buser PT**
Higgins CB see **Kersting-Sommerhoff BA**
Higgins CB see **Saeed M**
Higgins SS see **Kersting-Sommerhoff BA**
Hightower AW see **Harrison LH**
Hilaris BS see **Ormsby MV**
Hildebrand P see **Meyer BM**
Hildebrandt J see **Weyland A**
Hill L see **Berkowitz R**
Hill LD. Myths of the esophagus. J Thorac Cardiovasc Surg 1989 Jul;98(1):1–10 (10 ref.)
Hill LM, Guzick D, Thomas ML, Fries JK. Fetal radius length: a critical evaluation of race as a factor in gestational age assessment. Am J Obstet Gynecol 1989 Jul;161(1):193–9
Hill MC see **Huntington DK**
Hill MJ see **McKeigue PM**
Hill RH Jr see **Vancaillie TG**
Hill RM see **Stefos T**
Hill RS see **Rajan AS**
Hill SC see **Manasco PK**
Hillen B see **Scholten FG**
Hiller FC see **Anderson PJ**
Hiller WD see **Douglas PS**
Hillier S see **Paavonen J**
Hillier VF see **Stout JP**
Hillis LD see **Cigarroa RG**
Hillis LD see **Lange RA**
Hills BA, Kirwood CA. Surfactant approach to the gastric mucosal barrier: protection of rats by banana even when acidified. Gastroenterology 1989 Aug;97(2):294–303
Hills EC see **Henry CH**
Hilpert PL see **Mattrey RF**
Hinderer UT. Reconstruction of the external genitalia in the adrenogenital syndrome by means of a personal one-stage procedure. Plast Reconstr Surg 1989 Aug;84(2):325–37
Hinderliter AL, Bragdon E, Herbst M, Ballenger M, Ekelund LG, Sheps DS. A comparison of amplitude-modulated and frequency-modulated ambulatory monitoring systems. Am J Cardiol 1989 Jul 1;64(1):76–80
Hindmarsh PC see **Massarano AA**
Hine LK, Gross TP, Kennedy DL. Outpatient antiarrhythmic drug use from 1970 through 1986. Arch Intern Med 1989 Jul;149(7):1524–7
Hing AV see **Watcha MF**
Hinkle G see **Nieroda CA**
Hinnen ML see **DeWood MA**
Hintz BL see **Ryoo MC**
Hirai K see **Kawa-Ha K**
Hirai T, Sasayama S, Kawasaki T, Yagi S. Stiffness of systemic arteries in patients with myocardial infarction. A noninvasive method to predict severity of coronary atherosclerosis. Circulation 1989 Jul;80(1):78–86
Hirao K see **Mori H**
Hirata M see **Anegawa S**
Hirsch FR, Hansen HH. The clinical relevance of recent developments in pathology and biology of small cell lung cancer. Chest 1989 Jul;96(1 Suppl):34S–37S (49 ref.)
Hirsch GN see **Bruns DE**
Hirsch JI see **Rehr RB**
Hirsch MS see **Whitley RJ**
Hirsch SC see **Starling RC**
Hirschberg H see **Bosnes V**
Hirschfeld RM see **Coryell W**
Hirschfield LS, Graver LM, Isenberg HD. Broncholithiasis due to Histoplasma capsulatum subsequently infected by actinomycetes. Chest 1989 Jul;96(1):218–9
Hirschl S see **Shiraki M**
Hirschman SZ see **Behrman RE**
Hirschowitz BI see **Barrier CH**
Hirsh J see **Ginsberg JS**
Hirsh J see **Poller L**
Hirvonen HE, Salmi TT, Heinonen E, Antila KJ, Välimäki IA. Vincristine treatment of acute lymphoblastic leukemia induces transient autonomic cardioneuropathy. Cancer 1989 Aug 15;64(4):801–5
Hishikawa Y, Kurisu K, Taniguchi M, Kamikonya N, Miura T. Small, superficial esophageal carcinoma treated with high-dose-rate intracavitary irradiation only. Radiology 1989 Jul;172(1):267–70
Hissom JR, Bowden RT, Moore MR. Effects of progestins, estrogens, and antihormones on growth and lactate dehydrogenase in the human breast cancer cell line T47D. Endocrinology 1989 Jul;125(1):418–23
Hitchings RA. Visual disability and the elderly [editorial] BMJ 1989 Apr 29;298(6681):1126–7
Hiyama DT see **Benson DW**
Hnath R see **Nasr S**
Ho GH see **Streisand JB**
Ho SB, Itzkowitz SH, Friera AM, Jiang SH, Kim YS. Cell lineage markers in premalignant and malignant colonic mucosa. Gastroenterology 1989 Aug;97(2):392–404
Hobar PC see **Byrd HS**
Hobbs CJ. ABC of child abuse. Burns and scalds. BMJ 1989 May 13;298(6683):1302–5 (0 ref.)
Hobbs CJ. ABC of child abuse. Head injuries. BMJ 1989 Apr 29;298(6681):1169–70 (0 ref.)
Hochberg MC see **Ahearn JM Jr**
Hochkeppel H see **von Wussow P**
Hod H see **Barbash GI**
Hodes RJ see **Bonvini E**
Hodge KK see **Kabalin JN**
Hodges GF see **Stephan MJ**
Hodges TP, Cohen DA, Deck D. Odontogenic sinus tracts. Am Fam Physician 1989 Jul;40(1):113–6 (8 ref.)
Hodgson M see **Adkisson GH**
Hoe J, Goh P, Tan EC. Percutaneous ultrasonic lithotripsy and endoscopic removal of retained intrahepatic stone [letter] AJR Am J Roentgenol 1989 Aug;153(2):428–9
Hoefflin SM. Postoperative nighttime nasal taping to decrease swelling [letter] Plast Reconstr Surg 1989 Aug; 84(2):375
Hoehn JG. A pointer on pointers [letter] Plast Reconstr Surg 1989 Aug;84(2):364
Hoehn-Saric R, McLeod DR, Zimmerli WD. Symptoms and treatment responses of generalized anxiety disorder patients with high versus low levels of cardiovascular complaints. Am J Psychiatry 1989 Jul;146(7):854–9
Hoepker WW see **Seitz HK**
Hoffer KJ. Assistants at cataract surgery [letter] Arch Ophthalmol 1989 Jul;107(7):952
Hoffman CK, Goodman PC. Pulmonary edema in cocaine smokers. Radiology 1989 Aug;172(2):463–5
Hoffman GS see **Meacham RB**
Hoffman L. Problems of the inpatient unit director [letter] Am J Psychiatry 1989 Jul;146(7):950
Hoffman M, Kalter C, Roberts WS, Cavanagh D. Early cervical cancer coexistent with idiopathic inflammatory bowel disease. South Med J 1989 Jul;82(7):905–6
Hoffman PC see **Vokes EE**
Hoffman RR see **Edwards BS**
Hoffman T see **Bonvini E**
Hoffmann D see **Haley NJ**
Hoffmann R see **Holl J**
Hoffmann RG see **Hellman RS**
Hoffner SE see **Källenius G**
Hoffstein V see **Biem J**
Hogan PE see **Johnston WE**
Hogan WE see **Erramouspe J**
Hoge SK see **Rosenbaum A**
Hogervorst F see **Pals ST**
Hogg GM see **Barr JG**
Hogue CJ, Yip R. Preterm delivery: can we lower the black infant's first hurdle? [editorial] JAMA 1989 Jul 28; 262(4):548–50
Hogue-Angeletti R see **Deftos LJ**
Hoh MC see **Loubser MD**
Hohenfellner R see **Bürger RA**
Hohimer AR see **Chao CR**
Hohmann AA see **Kelleher KJ**
Hoit BD, Eppert D. Presbyesophagus masquerading as an extracardiac mass on echocardiography. Am Heart J 1989 Aug;118(2):419–21
Hoit BD, Rashwan M, Verba J, Pretorius T, Sahn DJ, Bhargava V. Instantaneous transmitral flow using Doppler and M-mode echocardiography: comparison with radionuclide ventriculography. Am Heart J 1989 Aug; 118(2):308–14
Hokanson JA see **Gonzalez EB**
Holaday B, Turner-Henson A. Response effects in surveys with school-age children. Nurs Res 1989 Jul-Aug; 38(4):248–50
Holbert J see **Weir AB 3d**
Holburn GE see **Eisenberg AD**
Holda JH see **Maier T**
Holden A see **Stone S**
Holden RW see **Cory DA**
Holds JB, Anderson RL. Primary vs delayed implant in evisceration [letter] Arch Ophthalmol 1989 Jul; 107(7):952–3
Holers VM see **Carel JC**
Holguin MH, Fredrick LR, Bernshaw NJ, Wilcox LA, Parker CJ. Isolation and characterization of a membrane protein from normal human erythrocytes that inhibits reactive lysis of the erythrocytes of paroxysmal nocturnal hemoglobinuria. J Clin Invest 1989 Jul;84(1):7–17
Holl J, Sackmann M, Hoffmann R, Schüssler P, Sauerbruch T, Jüngst D, Paumgartner G. Shock-wave therapy of gastric outlet syndrome caused by a gallstone. Gastroenterology 1989 Aug;97(2):472–4
Holladay JT, Prager TC. Snellen equivalent for the Bailey-Lovie acuity chart [letter] Arch Ophthalmol 1989 Jul;107(7):955
Holland A see **Jenike MA**
Holland JT see **Mitchell AS**
Holland R. Premenstrual syndrome [letter] Can Med Assoc J 1989 Jul 15;141(2):104
Holland R see **van Dongen JA**
Hollands MJ, Filipe I, Edwards S, Brame K, Maisey M, Owen WJ. Clinical and histological sequelae of Roux-en-Y diversion. Br J Surg 1989 May;76(5):481–4
Hollenberg M see **Leung JM**
Hollenberg M see **Tubau JF**
Holliday MP, Shaw D, Thomas WM, Leese T. Threshold for albumin as a prognostic marker in acute pancreatitis. Br J Surg 1989 May;76(5):472–3
Hollier LH see **Budden J**
Hollister MC see **Reid DL**
Holló I see **Horváth C**
Holloszy JO see **Lawrence JC Jr**
Hollowell JG, Altman HG, Snyder HM 3d, Duckett JW. Coexisting ureteropelvic junction obstruction and vesicoureteral reflux: diagnostic and therapeutic implications. J Urol 1989 Aug;142(2 Pt 2):490–3; discussion 501
Hollowell JG see **Donaldson DL**
Holm J see **Jivegård L**
Holm LE. Tobacco and the Karolinska [letter] Lancet 1989 Jul 8;2(8654):106–7
Holman RC, Stehr-Green JK, Zelasky MT. Necrotizing enterocolitis mortality in the United States, 1979–85. Am J Public Health 1989 Aug;79(8):987–9
Holmberg L, Omne-Pontén M, Burns T, Adami HO, Bergström R. Psychosocial adjustment after mastectomy and breast-conserving treatment. Cancer 1989 Aug 15; 64(4):969–74
Holmberg S see **Herlitz J**
Holmen KD see **Abrams JH**
Holmes DR Jr see **Bell MR**
Holmes FA see **Jabboury K**
Holmes KK see **Paavonen J**
Holmes KL see **Morse HC 3d**
Holmes LB see **Medearis DN Jr**
Holmquist ND. Fine-needle aspiration by vacuum tubes. Am J Clin Pathol 1989 Jul;92(1):86–8
Holowka D see **Marano N**
Holston KS see **Ritter MA**
Holt PR see **Gendler SL**
Holt PR see **Szurszewski JH**
Holt RW, Petrilli ES, Evans SR, Ahlgren JD. Intraperitoneal chemotherapy complicated by erosion of a Tenckhoff catheter into the colon. South Med J 1989 Jul;82(7):914–6
Holthaus D. Hospitals ready for OSHA worker-safety rules. Hospitals 1989 Jul 5;63(13):50, 52
Holthaus D. New medical waste law may wrongfully target hospitals. Hospitals 1989 Jul 5;63(13):52
Hölting T, Schlag P, Steinbücher M, Kretzschmar U, Georgi P, Herfarth C. The value of immunoscintigraphy for the operative retreatment of colorectal cancer. Limitations of a new diagnostic method. Cancer 1989 Aug 15;64(4):830–3
Holtzman JL, Weeks CE, Kvam DC, Berry DA, Mottonen L, Ekholm BP, Chang SF, Conard GJ. Identification of drug interactions by meta-analysis of premarketing trials: the effect of smoking on the pharmacokinetics and dosage requirements for flecainide acetate. Clin Pharmacol Ther 1989 Jul;46(1):1–8
Holtzman JL, Finley D, Mottonen L, Berry DA, Ekholm BP, Kvam DC, McQuinn RL, Miller AM. The pharmacodynamic and pharmacokinetic interaction between single doses of flecainide acetate and verapamil: effects on cardiac function and drug clearance. Clin Pharmacol Ther 1989 Jul;46(1):26–32
Holub DA see **Cosman F**
Holubarsch C see **Hasenfuss G**
Holy JM see **Abraham D**
Holzgang AJ see **Labbate LA**
Holzman PS, Matthysse S, Levy DL. Eye tracking dysfunction is associated with partial trisomy of chromosome 5 and schizophrenia: a response [letter] Arch Gen Psychiatry 1989 Aug;46(8):756–8
Hom JT see **Firestein GS**
Hong R see **Bhandari AK**
Hood SJ see **Sadowski JA**
Hooper PL. Toxic shock syndrome and estrogen therapy [letter] Ann Intern Med 1989 Aug 1;111(3):263–4
Hoory S see **Shikowitz MJ**
Hoover H. Compliance in hemodialysis patients: a review of the literature. J Am Diet Assoc 1989 Jul;89(7):957–9 (18 ref.)
Hoover R see **Bergkvist L**
Hoover R see **Hartge P**
Hopfer RL see **Chu DZ**
Hopkins CC, Hall JE, Santoro NF, Martin KA, Filicori M, Crowley WF Jr. Closed intravenous administration of gonadotropin-releasing hormone: safety of extended peripheral intravenous catheterization. Obstet Gynecol 1989 Aug;74(2):267–70
Hopkins L see **Mrazik TJ**
Hopkins M see **Noseworthy JH**
Hopkins MP see **Reid GC**
Hopkinson JM see **Cruickshank RH**
Hopkinson KC see **Foster PS**
Hoppin FG Jr see **Tzelepis GE**
Horan JK see **Todd JS**
Horejsi V see **Bernard A**
Horenstein J see **Nance SJ**
Horiguchi Y see **Fine JD**
Horisberger M see **von Wussow P**
Horkowitz CA see **Guggenheimer J**
Horowitz EA see **Dworzack DL**
Horowitz LN see **de Paola AA**
Horst E see **Pals ST**
Horst HM see **Delius RE**
Horst HM see **Sims DW**
Horst RL see **Goff JP**
Hortobagyi G see **Jabboury K**
Horton JW, Dunn CW, Burnweit CA, Walker PB. Hypertonic saline-dextran resuscitation of acute canine bile-induced pancreatitis. Am J Surg 1989 Jul;158(1):48–56
Horton JW see **Landreneau RJ**
Horton WA see **Hecht JT**
Horvat R see **Kerjaschki D**
Horváth C, Holló I. Osteopenia as a risk factor for injuries

to dancers [letter] BMJ 1989 Apr 29;298(6681):1176–7
Horwitz DL see **Malik RL**
Horwitz L see **Fischer AC**
Hosat S see **Rentrop KP**
Hoskins RS see **Billman GE**
Hosoda K see **Itoh H**
Hosoda S see **Fuse K**
Hossack KF see **Andrews JD**
Hostetler MK see **Dworzack DL**
Hostetter TH. Size and disease [editorial] J Lab Clin Med 1989 Jul;114(1):4–5
Hottinger S see **Gertsch M**
Houdek PV see **Serago CF**
Houghton LA see **Kerrigan DD**
Houle AM, Mokhless I, Sarto N, Elhilali MM. Perioperative antibiotic prophylaxis for transurethral resection of the prostate: is it justifiable? J Urol 1989 Aug;142(2):317–9
Houlihan J see **Labeta MO**
Hounsell AR see **Walker A**
Hourihan MD see **Whyte AM**
Houry S, Schlienger M, Huguier M, Lacaine F, Penne F, Langier A. Gallbladder carcinoma: role of radiation therapy. Br J Surg 1989 May;76(5):448–50
Howard CA, Thal ER, Redman HC, Gibson P. Intra-arterial digital subtraction angiography in the evaluation of peripheral vascular trauma. Ann Surg 1989 Jul; 210(1):108–11
Howard ER see **Stringer MD**
Howard FM Jr see **Lorish TR**
Howard G, Brockschmidt JK, Rose LA, Frye-Pierson JL, Crouse JR, Evans GW, Mitchell ES, Toole JF. Changes in survival after transient ischemic attacks: observations comparing the 1970s and 1980s. Neurology 1989 Jul; 39(7):982–5
Howard MA, Dryja TP, Walton DS, Albert DM. Identification and significance of multinucleate tumor cells in retinoblastoma. Arch Ophthalmol 1989 Jul; 107(7):1025–30
Howard MA 3d, Gross A, Grady MS, Langer RS, Mathiowitz E, Winn HR, Mayberg MR. Intracerebral drug delivery in rats with lesion-induced memory deficits. J Neurosurg 1989 Jul;71(1):105–12
Howards SS see **Pryor JL**
Howat PM, Varner LM, Hegsted M, Brewer MM, Mills GQ. The effect of bulimia upon diet, body fat, bone density, and blood components. J Am Diet Assoc 1989 Jul; 89(7):929–34
Howe CW see **Carr ME Jr**
Howe RC, MacDonald HR. Clonogenic potential of murine CD4+8+ thymocytes. Direct demonstration using a V beta 6-specific proliferative stimulus in Mlsa mice. J Immunol 1989 Aug 1;143(3):793–7
Howe SC, Cromie WJ, Kaye NW. Development of an in vitro model for the disruption of extracellular matrix components in the study of congenital renal parenchymal dysmorphism. J Urol 1989 Aug;142(2 Pt 2):612–5; discussion 619
Howell CD, Yoder T, Claman HN, Vierling JM. Hepatic homing of mononuclear inflammatory cells isolated during murine chronic graft-vs-host disease. J Immunol 1989 Jul 15;143(2):476–83
Howland DF see **Fuhrman BP**
Howlett CR, McCartney E, Ching W. The effect of silicon nitride ceramic on rabbit skeletal cells and tissue. An in vitro and in vivo investigation. Clin Orthop 1989 Jul; (244):293–304
Hoxie JA see **Kornstein MJ**
Hoyer GL see **Nolan PE Jr**
Hoyes KP see **Porter JB**
Hoyt DB see **Mackersie RC**
Hoyt JW see **Crippen DW**
Hrabovsky E see **D'Angio GJ**
Hrboticky N, Leiter LA, Anderson GH. Menstrual cycle effects on the metabolism of tryptophan loads. Am J Clin Nutr 1989 Jul;50(1):46–52
Hricak H see **Arrivé L**
Hricak H see **Shapeero LG**
Hsueh AJ see **Galway AB**
Hsueh W see **Smith FL**
Hu H, Cook-Deegan R, Shukri A. The use of chemical weapons. Conducting an investigation using survey epidemiology. JAMA 1989 Aug 4;262(5):640–3
Hu H, Fine J, Epstein P, Kelsey K, Reynolds P, Walker B. Tear gas—harassing agent or toxic chemical weapon? JAMA 1989 Aug 4;262(5):660–3 (48 ref.)
Hu PC see **Henderson FW**
Hu SC see **Taub DD**
Huang CC see **Chen TJ**
Huang JL see **Lei HY**
Huang KJ see **Lei HY**
Huang SC see **Soong HK**
Hubbard M see **Shapiro E**
Hubbard RC, Brantly ML, Sellers SE, Mitchell ME, Crystal RG. Anti-neutrophil-elastase defenses of the lower respiratory tract in alpha 1-antitrypsin deficiency directly augmented with an aerosol of alpha 1-antitrypsin. Ann Intern Med 1989 Aug 1;111(3):206–12
Huben R see **Mettlin C**
Huber O see **Clavien PA**
Hudson AR see **Bailes JE**
Hudson JI see **Aranow AB**
Hudson LD see **Norcini JJ**
Huehns ER see **Porter JB**
Huet S, Groux H, Caillou B, Valentin H, Prieur AM, Bernard A. CD44 contributes to T cell activation. J Immunol 1989 Aug 1;143(3):798–801
Huff DS, Hadziselimovic F, Snyder HM 3d, Duckett JW, Keating MA. Postnatal testicular maldevelopment in unilateral cryptorchidism. J Urol 1989 Aug;142(2 Pt 2):546–8; discussion 572
Huff DS see **Cendron M**
Huffman LJ see **Michalkiewicz M**
Hughes GR. A 47-year-old woman presenting with a 20-year history of SLE. Br J Rheumatol 1989 Aug;28(4):349
Hughes LE see **Flook D**
Hughes LE see **Williams JG**
Hughes PJ, Lane RJ. Acute cerebral oedema induced by methotrexate. BMJ 1989 May 13;298(6683):1315
Hugin AW see **Morse HC 3d**
Hugli TE see **Biesecker G**
Hugon J, Tabaraud F, Rigaud M, Vallat JM, Dumas M. Glutamate dehydrogenase and aspartate aminotransferase in leukocytes of patients with motor neuron disease. Neurology 1989 Jul;39(7):956–8
Huguet P see **Labrune P**
Huguier M see **Houry S**
Hui P, Ports T. Left ventricular pseudoaneurysm presenting as unstable angina. Am Heart J 1989 Aug;118(2):400–2
Huibregtse K see **Offerhaus GJ**
Huitian Z see **Yasuda H**
Huizinga TW see **van de Winkel JG**
Hulecki SJ. Combined transurethral resection of the prostate and inguinal herniorrhaphy. South Med J 1989 Jul; 82(7):845–8 (15 ref.)
Hulette C see **Farmer TW**
Hull HF see **Sewell CM**
Hull SL see **Amaral JF**
Hulshof KF see **Löwik MR**
Hume C see **Leigh TR**
Hung JS, Lin FC, Chiang CW. Successful percutaneous transvenous catheter balloon mitral commissurotomy after warfarin therapy and resolution of left atrial thrombus. Am J Cardiol 1989 Jul 1;64(1):126–8
Hung SS. Deep vein thrombosis of the arm associated with malignancy. Cancer 1989 Jul 15;64(2):531–5
Hung WY see **Siddique T**
Hungerford DS see **Wolff AM**
Hunsley J see **Chuang HT**
Hunstein W see **Keilholz U**
Hunt GM see **Oakeshott P**
Hunt J. Why do I even try? [letter] Postgrad Med 1989 Jul; 86(1):30, 33
Hunt RE see **Wiswell TE**
Hunter D see **Bailes JE**
Hunter DW see **Cragg AH**
Hunter DW see **Epstein DH**
Hunter JA see **Barr BB**
Hunter JG, Lauretano L, Shellito PC. Percutaneous endoscopic gastrostomy in head and neck cancer patients. Ann Surg 1989 Jul;210(1):42–6
Hunter RE see **Arendt EA**
Hunter S see **Qureshi SA**
Hunter S see **Robson SC**
Huntington DK, Hill MC, Steinberg W. Biliary tract dilatation in chronic pancreatitis: CT and sonographic findings. Radiology 1989 Jul;172(1):47–50
Huntley HN see **Luks FI**
Hurko O, Johns DR. Dystrophin and Duchenne's muscular dystrophy [letter] N Engl J Med 1989 Aug 10;321(6):398–9
Hürny C, Bernhard J. Problems in assessing quality of life (QL) of lung cancer patients in clinical trials. Chest 1989 Jul;96(1 Suppl):102S–105S (26 ref.)
Hurpe JM see **Tartiere J**
Hurst A see **Carter EP**
Hurt GS see **Pryor JL**
Hurvitz EA, Ellenberg M, Lerner AM, Pope S, Wirthlin L. Ultrasound imaging of residual limbs: new use for an old technique. Arch Phys Med Rehabil 1989 Jul;70(7):556–8
Hurvitz H, Ginat-Israeli T, Elpeleg ON, Klar A, Amir N. Biotinidase deficiency associated with severe combined immunodeficiency [letter] Lancet 1989 Jul 22;2(8656):228–9
Hurwitz D see **Loewenstein DA**
Hurwitz E see **Farley TA**
Hurwitz H see **Eberhard ML**
Husain OA see **Leigh TR**
Husband JE see **Williams MP**
Husebye DG see **Davies SF**
Husmann DA, McLorie GA, Churchill BM. Closure of the exstrophic bladder: an evaluation of the factors leading to its success and its importance on urinary continence. J Urol 1989 Aug;142(2 Pt 2):522–4; discussion 542–3
Husmann DA, McLorie GA, Churchill BM. Phallic reconstruction in cloacal exstrophy. J Urol 1989 Aug;142(2 Pt 2):563–4; discussion 572
Husmann DA see **Allen TD**
Hussein N, Courtright P, Ostler HB, Hetherington J, Gelber RH. Low intraocular pressure and postural changes in intraocular pressure in patients with Hansen's disease. Am J Ophthalmol 1989 Jul 15;108(1):80–3
Hutchinson NI see **Tocci MJ**
Hutson N see **Gardosi J**
Hutton C. DISH ... a state not a disease? [editorial] Br J Rheumatol 1989 Aug;28(4):277–8
Hutton P see **Murray F**
Huxsoll DL, Parrott CD, Patrick WC 3d. Medicine in defense against biological warfare. JAMA 1989 Aug 4;262(5):677–9
Hwang JJ, Shanks RD, Sherwood OD. Monoclonal antibodies specific for rat relaxin. IV. Passive immunization with monoclonal antibodies during the antepartum period reduces cervical growth and extensibility, disrupts birth, and reduces pup survival in intact rats. Endocrinology 1989 Jul;125(1):260–6
Hwang TC see **Chen TJ**
Hybels RL see **Freidberg SR**
Hyde JF, North WG, Ben-Jonathan N. The vasopressin-associated glycopeptide is not a prolactin-releasing factor: studies with lactating Brattleboro rats. Endocrinology 1989 Jul;125(1):35–40
Hyduke JF, Pineda JJ, Smith CE, Rice TW. Severe intraoperative myocardial ischemia following manipulation of the heart in a patient undergoing esophagogastrectomy. Anesthesiology 1989 Jul;71(1):154–8
Hyers TM see **Bone RC**
Hyman BT, Tranel D. Hemianesthesia and aphasia. An anatomical and behavioral study. Arch Neurol 1989 Jul; 46(7):816–9
Hyman RB, Feldman HR, Harris RB, Levin RF, Malloy GB. The effects of relaxation training on clinical symptoms: a meta-analysis. Nurs Res 1989 Jul-Aug;38(4):216–20
Hyndiuk RA see **Koenig SB**
Hyndiuk RA see **McDermott ML**
Hynes DM. Rheumatology education in primary care practice [letter] Br J Rheumatol 1989 Aug;28(4):362–3
Hyvärinen H see **Ranta-Knuttila T**

I

Iacono WG see **Katsanis J**
Iaffe JH, Witkin JM, Goldberg SR, Katz JL. Potential toxic interactions of cocaine and mazindol [letter] Lancet 1989 Jul 8;2(8654):111
Iaizzo PA see **Lanier WL**
Iams JD. Current status of prematurity prevention [editorial] JAMA 1989 Jul 14;262(2):265–6
Iannaccone S see **Franceschi M**
Iannotti JP see **Zlatkin MB**
Ibargnen E. Breast feeding among Hispanic women [letter] Clin Pediatr (Phila) 1989 Jul;28(7):335–6
Ibbertson HK see **Tan PL**
Iber C see **Davies SF**
Iber FL see **Reza FM**
Ibrahim BB see **Caref EB**
Ibrahim IM, Raccuia JS, Micale J, Zafar A. Primary aortoduodenal fistula. Diagnosis by computed tomography. Arch Surg 1989 Jul;124(7):870–1
Ichida F, Fatica NS, O'Loughlin JE, Klein AA, Snyder MS, Levin AR, Ehlers KH, Lesser ML, Engle MA. Epidemiologic aspects of Kawasaki disease in a Manhattan hospital. Pediatrics 1989 Aug;84(2):235–41
Ichida F see **Fatica NS**
Ide C see **Murakami M**
Idell S, Peters J, James KK, Fair DS, Coalson JJ. Local abnormalities of coagulation and fibrinolytic pathways that promote alveolar fibrin deposition in the lungs of baboons with diffuse alveolar damage. J Clin Invest 1989 Jul; 84(1):181–93
Iglehart JK. The debate over physician ownership of health care facilities. N Engl J Med 1989 Jul 20;321(3):198–204
Iida H see **Miki T**
Iizumi T, Yazaki T, Waku M, Soma G. Immunochemotherapy for murine bladder tumor with a new human recombinant tumor necrosis factor (rTNF-S), VP-16 and hyperthermia. J Urol 1989 Aug;142(2):386–9
Ijlst L see **Wanders RJ**
Ikeda DM, Francis IR, Glazer GM, Amendola MA, Gross MD, Aisen AM. The detection of adrenal tumors and hyperplasia in patients with primary aldosteronism: comparison of scintigraphy, CT, and MR imaging. AJR Am J Roentgenol 1989 Aug;153(2):301–6
Ikeda K see **Ikeda Y**
Ikeda K see **Iwasaki Y**
Ikeda K see **Kubota I**
Ikeda S. Bronchial television endoscopy. Chest 1989 Jul;96(1 Suppl):41S–42S
Ikeda Y, Ikeda K, Long DM. Protective effect of the iron chelator deferoxamine on cold-induced brain edema. J Neurosurg 1989 Aug;71(2):233–8
Ikezaki K see **Black KL**
Ilstrup DM see **Johnson CH**
Ilstrup DM see **McDonald DJ**
Ilstrup DM see **Scott SM**
Imai K see **Koran LM**
Imai Y see **Schnall MD**
Imam K, Maddens M, Mohanty PK, Felicetta JV, Sowers JR. Atrial natriuretic peptide attenuates the reflex sympathetic responses to lower body negative pressure. Am J Med Sci 1989 Jul;298(1):1–7
Imamura N, Inada T, Mtasiwa DM, Kuramoto A. Phenotype and function of Japanese adult T-cell leukaemia cells [letter] Lancet 1989 Jul 22;2(8656):214
Imanaka M, Ogita S, Sugawa T. Saline solution amnioinfusion for oligohydramnios after premature rupture of the membranes. A preliminary report. Am J Obstet Gynecol 1989 Jul;161(1):102–6
Imanishi K see **Yamaguchi K**
Imaseki H, Hayashi H, Taira M, Ito Y, Tabata Y, Onoda S, Isono K, Tatibana M. Expression of c-myc oncogene

in colorectal polyps as a biological marker for monitoring malignant potential. Cancer 1989 Aug 1;64(3):704–9
Imhof B see **Bauvois B**
Imura H see **Kosugi S**
Inabe M see **Miyake K**
Inada T see **Imamura N**
Inatomi K see **Kyodo Y**
Inatsuki A, Yasukawa M, Kobayashi Y. Functional alterations of herpes simplex virus-specific CD4+ multifunctional T cell clones following infection with human T lymphotropic virus type I. J Immunol 1989 Aug 15;143(4):1327–33
Incerpi S see **Baldini P**
Inchausti BC see **Krieger B**
Ing JJ, Smith DC, Bull BS. Differing mechanisms of clotting inhibition by ionic and nonionic contrast agents. Radiology 1989 Aug;172(2):345–8
Ingelmo M see **Cid MC**
Ingersoll GM see **Golden MP**
Inglis JM see **Bisset C**
Ingraham LJ see **Bridge TP**
Innes B see **Eaton M**
Innes JA see **Packe GE**
Innis BL, Thirawuth V, Hemachudha C. Identification of continuous epitopes of the envelope glycoprotein of dengue type 2 virus. Am J Trop Med Hyg 1989 Jun;40(6):676–87
Inoue K see **Nazarea M**
Inoue K see **Ueda E**
Inoue M see **Duggan MA**
Inoue M see **Kimura T**
Insler MS see **Limberg MB**
Insogna KL see **Centrella M**
Iovanna J see **Giorgi D**
Ip P see **Cairns E**
Irahara M see **Mori K**
Iredale JP, Sankaran R, Wathen CG. Cutaneous vasculitis associated with rifampin therapy. Chest 1989 Jul; 96(1):215–6
Irmscher K see **Köhrle J**
Iro H, Nitsche N, Schneider HT, Ell C. Extracorporeal shockwave lithotripsy of salivary gland stones [letter] Lancet 1989 Jul 8;2(8654):115
Irvine A see **Gennarelli TA**
Irving D see **Chan-Yeung M**
Irving JD, Adam A, Dick R, Dondelinger RF, Lunderquist A, Roche A. Gianturco expandable metallic biliary stents: results of a European clinical trial. Radiology 1989 Aug; 172(2):321–6
Isaacman SH. Positive HIV antibody test results after treatment with hepatitis B immune globulin [letter] JAMA 1989 Jul 14;262(2):209
Isaacs CM see **Tedder TF**
Isaacs D see **Tudor-Williams G**
Isaacsohn JL see **Miller A**
Isaaz K, Ethevenot G, Admant P, Brembilla B, Pernot C. A new Doppler method of assessing left ventricular ejection force in chronic congestive heart failure. Am J Cardiol 1989 Jul 1;64(1):81–7
Isaaz K, Thompson A, Ethevenot G, Cloez JL, Brembilla B, Pernot C. Doppler echocardiographic measurement of low velocity motion of the left ventricular posterior wall. Am J Cardiol 1989 Jul 1;64(1):66–75
Isakson PC see **Spangelo BL**
Isbister J see **Lloyd A**
Isenberg HD see **Hirschfield LS**
Isenberg SJ, Dang Y, Jotterand V. The pupils of term and preterm infants. Am J Ophthalmol 1989 Jul 15;108(1):75–9
Isenstein DA. Cardiopulmonary effects of Intralipid infusion in critically ill patients [letter] Crit Care Med 1989 Jul; 17(7):710
Ishida M see **Onodera T**
Ishihara S see **Kawa-Ha K**
Ishikawa K, Masuda I, Ohira T, Yokoyama M. A histological study of calcium pyrophosphate dihydrate crystal-deposition disease. J Bone Joint Surg [Am] 1989 Jul;71(6):875–86
Ishikura H, Jayaraman S, Kuchroo V, Diamond B, Saito S, Dorf ME. Functional analysis of cloned macrophage hybridomas. VII. Modulation of suppressor T cell-inducing activity. J Immunol 1989 Jul 15;143(2):414–9
Ishioka GY, Colon S, Miles C, Grey HM, Chesnut RW. Induction of class I MHC-restricted, peptide-specific cytolytic T lymphocytes by peptide priming in vivo. J Immunol 1989 Aug 15;143(4):1094–100
Isitman AT see **Hellman RS**
Iskandrian AS see **Kong B**
Ismail T see **Kirby RM**
Isner JM see **Rosenfield K**
Isner JM see **Steg PG**
Isogai N, Kamiishi H. Usefulness of the silicone microsurgical background [letter] Plast Reconstr Surg 1989 Aug; 84(2):366–7
Isono K see **Imaseki H**
Isoyama S, Ito N, Kuroha M, Takishima T. Complete reversibility of physiological coronary vascular abnormalities in hypertrophied hearts produced by pressure overload in the rat. J Clin Invest 1989 Jul;84(1):288–94
Israel Z see **Banerjee K**
Ito M see **Muroi K**
Ito N see **Isoyama S**
Ito Y see **Imaseki H**
Itoh H, Oohata Y, Nakamura K, Nagata T, Mibu R, Nakayama F. Complete ten-year postgastrectomy follow-up of early gastric cancer. Am J Surg 1989 Jul; 158(1):14–6
Itoh H, Nakao K, Mukoyama M, Yamada T, Hosoda K, Shirakami G, Morii N, Sugawara A, Saito Y, Shiono S, et al. Chronic blockade of endogenous atrial natriuretic polypeptide (ANP) by monoclonal antibody against ANP accelerates the development of hypertension in spontaneously hypertensive and deoxycorticosterone acetate-salt-hypertensive rats. J Clin Invest 1989 Jul; 84(1):145–54
Itoh H see **Komatsu R**
Itoh T see **Dardenne M**
Itzkowitz SH see **Ho SB**
Ivankovich AD see **Tuman KJ**
Iverson LI see **Young JN**
Ivey TD see **Bardy GH**
Ivey TD see **Gartman DM**
Iwakoshi K see **Mascola L**
Iwarson S. Post-exposure prophylaxis for hepatitis B: active or passive? Lancet 1989 Jul 15;2(8655):146–8 (13 ref.)
Iwasaki Y, Kinoshita M, Ikeda K, Takamiya K. Cognition in myasthenia [letter] Neurology 1989 Jul;39(7):1002
Iwase M see **Kazaihara S**
Iwatsuki S see **Sher L**
Iyengar S see **Asthana S**
Iyer R see **Banavali SD**
Izui S see **Abdelmoula M**

J

Jaakkola S, Peltonen J, Riccardi V, Chu ML, Uitto J. Type 1 neurofibromatosis: selective expression of extracellular matrix genes by Schwann cells, perineurial cells, and fibroblasts in mixed cultures. J Clin Invest 1989 Jul; 84(1):253–61
Jabbari M, Wild G, Goresky CA. Celiac sprue: another endoscopic view [letter] N Engl J Med 1989 Jul 27; 321(4):263–4
Jabboury K, Holmes FA, Hortobagyi G. 5-Fluorouracil rechallenge by protracted infusion in refractory breast cancer. Cancer 1989 Aug 15;64(4):793–7
Jabs DA see **Ahearn JM Jr**
Jack CR Jr, Twomey CK, Zinsmeister AR, Sharbrough FW, Petersen RC, Cascino GD. Anterior temporal lobes and hippocampal formations: normative volumetric measurements from MR images in young adults. Radiology 1989 Aug;172(2):549–54
Jackson IT, Bauer B, Saleh J, Sullivan C, Argenta LC. A significant feature of Nager's syndrome: palatal agenesis. Plast Reconstr Surg 1989 Aug;84(2):219–26
Jackson IT see **Bailey MH**
Jackson IT see **Johnson CH**
Jackson JR see **Lein DH Jr**
Jackson JS see **Herzog AR**
Jackson K see **Kalbfleisch KR**
Jackson M see **Higenbottam T**
Jackson MD, Davidoff G. Gastroparesis following traumatic brain injury and response to metoclopramide therapy. Arch Phys Med Rehabil 1989 Jul;70(7):553–5
Jackson RM, Veal CF. Re-expansion, re-oxygenation, and rethinking. Am J Med Sci 1989 Jul;298(1):44–50 (26 ref.)
Jackson VP see **Harris VJ**
Jacob P 3d see **Benowitz NL**
Jacobs AK see **Bergelson BA**
Jacobs LA see **Lange MP**
Jacobs LB see **Yokoyama WM**
Jacobs MA see **Wolff AM**
Jacobs P see **Sealy R**
Jacobs SC, Menashe DS, Mewissen MW, Lipchik EO. Intraarterial cisplatin infusion in the management of transitional cell carcinoma of the bladder. Cancer 1989 Jul 15;64(2):388–91
Jacobsen B see **Brown LP**
Jacobson JA, Rosenberg BH. Biological defense research: charting a safer course. JAMA 1989 Aug 4;262(5):675–6 (11 ref.)
Jacobson LE see **Krane EJ**
Jacobson PL see **Farmer TW**
Jacobson TA. Quitting smoking: nicotine vs placebo gum [letter] JAMA 1989 Aug 11;262(6):773–4
Jacobstein MD, Gerken TA, Bhat AM, Carlier PG. Myocardial protection during ischemia by prior feeding with the creatine analog: cyclocreatine. J Am Coll Cardiol 1989 Jul;14(1):246–51
Jacyk W. Impaired physicians: they are not the only ones at risk. Can Med Assoc J 1989 Jul 15;141(2):147–8
Jaeger J see **Krakowski MI**
Jaffe GJ, Green GD, Abrams GW. Stability of recombinant tissue plasminogen activator. Am J Ophthalmol 1989 Jul 15;108(1):90–1
Jaffe N. Chemotherapy for malignant bone tumors. Orthop Clin North Am 1989 Jul;20(3):487–503 (138 ref.)
Jaffe R see **Cunningham MJ**
Jagirdar J see **Heller DS**
Jain BK see **Chadda RK**
Jakobs C see **Wanders RJ**
Jakschies D see **von Wussow P**
James A see **Nieroda CA**
James JH see **Benson DW**
James KK see **Idell S**
James S, Chapple CR, Phillips MI, Greengrass PM, Davey MJ, Turner-Warwick RT, Milroy EJ, Burnstock G. Autoradiographic analysis of alpha-adrenoceptors and muscarinic cholinergic receptors in the hyperplastic human prostate. J Urol 1989 Aug;142(2):438–44
James SA see **Fredman L**
Jan F see **Castaigne AD**
Jane JA see **Colohan AR**
Janosik DL see **Pedersen WR**
Janse MJ see **Coronel R**
Jansen JB see **Meyer BM**
Jansen RF, van Geel BN, van der Zee J, Hagenbeek A, Levendag PC. Intractible cutaneous non-Hodgkin's lymphoma of the lower limb. Complete remission after sequential regional isolated hyperthermic perfusion and perfusion with 1-phenylalanine-mustard (melphalan, L-Pam). Cancer 1989 Jul 15;64(2):392–5
Janson C see **Komitowski D**
Janssen B see **Arnold MH**
Janssen J see **Lemery R**
Janssen M see **An HL**
Jansson-Schumacher U see **Warner MA**
Jantzen JP, Hennes HJ, Wallenfang T. Nitroglycerine, succinylcholine and intraocular pressure [letter] Anesth Analg 1989 Jul;69(1):1005–7
Jaques DP, Coit DG, Brennan MF. Major amputation for advanced malignant melanoma. Surg Gynecol Obstet 1989 Jul;169(1):1–6
Jaramillo D, Perez-Atayde A, Griscom NT. Apparent association between thymic cysts and prior thoracotomy. Radiology 1989 Jul;172(1):207–9
Jarolim DR see **Jennings WC**
Jarret RJ. Non-insulin dependent diabetes and ischaemic heart disease [letter] BMJ 1989 May 13;298(6683):1311
Jarvik L. Psychiatric Genetics [letter] Am J Psychiatry 1989 Aug;146(8):1080
Jaschevatzky O see **Ellenbogen A**
Jaschonek K see **Ehninger G**
Jasmin G see **Buser PT**
Jaso-Friedmann L see **Harris DT**
Jason JM. Infectious disease-related deaths of low birth weight infants, United States, 1968 to 1982. Pediatrics 1989 Aug;84(2):296–303
Jaspers C see **Rünzi MW**
Javitt JC. When does the failure to find a difference mean that there is none? Arch Ophthalmol 1989 Jul; 107(7):1034–40
Jaworsky C, Murphy GF. Special techniques in dermatology. Arch Dermatol 1989 Jul;125(7):963–74 (76 ref.)
Jayalakshmi P see **Sivanesaratnam V**
Jayaram G see **Pearlson GD**
Jayaraman S see **Ishikura H**
Jaycox S. Smoking literature and literacy levels [letter] Am J Public Health 1989 Aug;79(8):1058
Jazayeri M see **McKinnie J**
Jedstedt G see **Flemström G**
Jefferies D see **Mok Q**
Jeffes EW 3d see **Sung SS**
Jeffrey JJ see **Coe MR**
Jeffries DJ. Zidovudine resistant HIV [news] BMJ 1989 Apr 29;298(6681):1132–3
Jeffries DJ see **Hanson PJ**
Jeffs RD see **Canning DA**
Jeffs RD see **Gearhart JP**
Jenike MA, Buttolph L, Baer L, Ricciardi J, Holland A. Open trial of fluoxetine in obsessive-compulsive disorder. Am J Psychiatry 1989 Jul;146(7):909–11
Jenkins AM see **Stonebridge PA**
Jenkinson SG. Prostaglandin E1: not the magic bullet in ARDS [editorial] Chest 1989 Jul;96(1):1–2
Jennett RB see **Smith SL**
Jennings JC, Mohan S, Baylink DJ. Beta 2-microglobulin is not a bone cell mitogen. Endocrinology 1989 Jul; 125(1):404–9
Jennings WC, Corder CN, Jarolim DR, Blackwell J, Cherian J, Chen D. Atheromatous embolism: varied clinical presentation and prognosis. South Med J 1989 Jul; 82(7):849–52
Jenny P see **Hadziselimovic F**
Jensen JM see **Cascino GD**
Jensen PC. Exposure to Roundup [letter] South Med J 1989 Jul;82(7):934
Jensen PE. Stable association of processed antigen with antigen-presenting cell membranes. J Immunol 1989 Jul 15;143(2):420–5
Jensen RT see **Maton PN**
Jenson WR see **Ritvo ER**
Jeremy R see **Fulcher D**
Jergesen HE see **Lang P**
Jeske AH see **Johnson JV**
Jette AM. Measuring subjective clinical outcomes. Phys Ther 1989 Jul;69(7):580–4
Jeurissen ME, Boerbooms AM, van de Putte LB. Pancytopenia and methotrexate with trimethoprim-sulfamethoxazole [letter] Ann Intern Med 1989 Aug 1;111(3):261
Jewell GS see **Jewell ME**
Jewell ME, Jewell GS. How to assess the risk of HIV exposure. Am Fam Physician 1989 Jul;40(1):153–61
Jewett M see **Tannock I**
Jewett M see **Thomas GM**
Jiang SH see **Ho SB**
Jimenez M see **Quigley C**
Jiminez C see **Thijssen AM**

Jin H see **Salmon DP**
Jing BS see **Van Tassel P**
Jivegård L, Blohmé I, Holm J, Karlberg I. Abdominal aortic reconstruction without renal bypass in renal transplant patients. Surgery 1989 Jul;106(1):110–3
Joachim CL, Selkoe DJ. Amyloid protein in Alzheimer's disease. J Gerontol 1989 Jul;44(4):B77–82 (69 ref.)
Jobe JB, Mingay DJ. Cognitive research improves questionnaires. Am J Public Health 1989 Aug;79(8):1053–5
Jobes DR, Ellison N, Campbell FW. Limit(ation)s for ACT [letter] Anesth Analg 1989 Jul;69(1):1008–10
Jobes DR see **Nicolson SC**
Jockers G see **Pfisterer M**
Jodal U see **Mårild S**
Joehl RJ see **Werbel GB**
Joensuu H see **Klemi PJ**
Johansen K. Treatment options for aneurysms in high-risk patients. Surg Clin North Am 1989 Aug;69(4):765–74 (54 ref.)
Johansson L. Histogenesis of cardiac myxomas. An immunohistochemical study of 19 cases, including one with glandular structures, and review of the literature. Arch Pathol Lab Med 1989 Jul;113(7):735–41 (35 ref.)
Johansson SL see **Anderström C**
Johns DR see **Hurko O**
Johns M see **Wood CD**
Johns RA see **Stone DJ**
Johnson A see **Dennis J**
Johnson AG see **Kerrigan DD**
Johnson AG see **Milner PC**
Johnson BD see **Smith WL**
Johnson CH, van Heerden JA, Donohue JH, Martin JK Jr, Jackson IT, Ilstrup DM. Oncological aspects of immediate breast reconstruction following mastectomy for malignancy. Arch Surg 1989 Jul;124(7):819–23; discussion 823–4
Johnson DD see **Tsai MY**
Johnson G see **Bardy GH**
Johnson GR. Section educational opportunities [letter] Phys Ther 1989 Aug;69(8):702
Johnson HG see **Gray PR**
Johnson HW see **Dimmick JE**
Johnson IR see **Stehling MK**
Johnson JT see **Guggenheimer J**
Johnson JV, Jeske AH, McDaniel HK, Herrera GQ. Development of an in vivo model for assessment of drug-induced vascular injury. J Oral Maxillofac Surg 1989 Aug;47(8):819–22
Johnson KJ see **Kennedy TP**
Johnson L see **Fine JD**
Johnson LO see **Grogan DP**
Johnson MA, Newman SP, Bloom R, Talaee N, Clarke SW. Delivery of albuterol and ipratropium bromide from two nebulizer systems in chronic stable asthma. Efficacy and pulmonary deposition. Chest 1989 Jul;96(1):6–10
Johnson P see **Dennis J**
Johnson RH JR see **DeLaurier GA**
Johnson RM see **Maruschak GF**
Johnson TR see **Besinger RE**
Johnson TR see **Dans PE**
Johnson TR see **Thomas RL**
Johnson V see **Lavine SJ**
Johnson WL see **O'Keefe JH Jr**
Johnston C. Canadian surgeons lay claim to world's first successful bowel transplant. Can Med Assoc J 1989 Jul 15;141(2):156
Johnston CF see **Kenny BD**
Johnston DI. Management of diabetes mellitus. Arch Dis Child 1989 Apr;64(4):622–8 (28 ref.)
Johnston DL, Mulvagh SL, Cashion RW, O'Neill PG, Roberts R, Rokey R. Nuclear magnetic resonance imaging of acute myocardial infarction within 24 hours of chest pain onset. Am J Cardiol 1989 Jul 15;64(3):172–9
Johnston DL, Rice L, Vick GW 3d, Hedrick TD, Rokey R. Assessment of tissue iron overload by nuclear magnetic resonance imaging. Am J Med 1989 Jul;87(1):40–7
Johnston H, Reisz G. Changing spectrum of hemoptysis. Underlying causes in 148 patients undergoing diagnostic flexible fiberoptic bronchoscopy. Arch Intern Med 1989 Jul;149(7):1666–8
(Johnston JH), Glassberg KI. Pediatric Urology Medal. J. Herbert Johnston tribute. J Urol 1989 Aug;142(2 Pt 2):544–5
Johnston JH see **Diamond DA**
Johnston WE, Vinten-Johansen J, Patel A, Tommasi E. Hypoxic pulmonary vasoconstrictor response with asymmetric oleic acid injury in the dog. Crit Care Med 1989 Jul;17(7):647–51
Johnston WE, Vinten-Johansen J, Strickland RA, Hogan PE, Bowton DL. Hypothermia with and without end-expiratory pressure in canine oleic acid pulmonary edema. Am Rev Respir Dis 1989 Jul;140(1):110–7
Joiner KA see **Da Silva RP**
Jolesz FA see **Panagopoulos KP**
Joline C see **Wormser GP**
Jonas AJ, Butler IJ. Circumvention of defective neutral amino acid transport in Hartnup disease using tryptophan ethyl ester. J Clin Invest 1989 Jul;84(1):200–4
Jones B see **D'Angio GJ**
Jones BK see **Ray J**
Jones BR see **Dorsey MJ**
Jones DM see **Cartwright KA**
Jones FL Jr see **Sokolowski JW Jr**
Jones G see **Bisset C**
Jones G see **Kara U**
Jones G see **Kooh SW**
Jones HC, Gratton JA. The effect of cerebrospinal fluid pressure on dural venous pressure in young rats. J Neurosurg 1989 Jul;71(1):119–23
Jones HW 3d see **Strnad CM**
Jones JM see **Manasco PK**
Jones JP see **Kimme-Smith C**
Jones LC, Thomas SA. New fathers' blood pressure and heart rate: relationships to interaction with their newborn infants. Nurs Res 1989 Jul-Aug;38(4):237–41
Jones MB see **Ritvo ER**
Jones PF, Koruth NM, Krukowski ZH, Munro A. Definitive one-stage emergency large bowel surgery [letter] Br J Surg 1989 May;76(5):525–6
Jones PM, Ghatei MA, Steel J, O'Halloran D, Gon G, Legon S, Burrin JM, Leonhardt U, Polak JM, Bloom SR. Evidence for neuropeptide Y synthesis in the rat anterior pituitary and the influence of thyroid hormone status: comparison with vasoactive intestinal peptide, substance P, and neurotensin. Endocrinology 1989 Jul;125(1):334–41
Jones PP see **Norton FL**
Jones R see **Burnett D**
Jones RM. Anaesthesia in old age [editorial] Anaesthesia 1989 May;44(5):377–8
Jones RV see **Gormley TS**
Jones TJ, Rsafat F, De Giovanni J, Sethia B. Postmortem radiology in children with congenital heart disease [letter] J Clin Pathol 1989 Jun;42(6):670–1
Jones TN see **Moore FA**
Jones WG 2d, Perry MO, Bush HL Jr. Changes in tibial venous blood flow in the evolving compartment syndrome. Arch Surg 1989 Jul;124(7):801–4
Jones WK see **McCusker RH**
Joosten HJ see **Reijnen HA**
Joosten LA see **Schalkwijk J**
Jorczak-Sarni L see **Engelhard D**
Jordan PH Jr. Indications for parietal cell vagotomy without drainage in gastrointestinal surgery. Ann Surg 1989 Jul; 210(1):29–41
Jorde LB see **Ritvo ER**
Joseph CA, Palmer SR. Outbreaks of salmonella infection in hospitals in England and Wales 1978–87. BMJ 1989 Apr 29;298(6681):1161–4
Joseph DB, Bauer SB, Colodny AH, Mandell J, Retik AB. Clean, intermittent catheterization of infants with neurogenic bladder. Pediatrics 1989 Jul;84(1):78–82
Joseph MG see **Nair BD**
Josephson KR see **Robbins AS**
Josephson ME. Antiarrhythmic agents and the danger of proarrhythmic events. Ann Intern Med 1989 Jul 15; 111(2):101–3 (20 ref.)
Joshi VV, Beckwith JB. Multilocular cyst of the kidney (cystic nephroma) and cystic, partially differentiated nephroblastoma. Terminology and criteria for diagnosis. Cancer 1989 Jul 15;64(2):466–79
Jotterand V see **Isenberg SJ**
Jouppila P see **Rissanen J**
Jovenich JJ. Anesthesia in adrenal surgery. Urol Clin North Am 1989 Aug;16(3):583–7 (55 ref.)
Jover M see **Acedo A**
Jow GM see **Chen TJ**
Joyce MJ see **Makley JT**
Joynson DH, Payne RA, Balfour AH, Prestage ES, Fleck DG, Chessum BS. Five commercial enzyme linked immunosorbent assay kits for toxoplasma specific IgM antibody. J Clin Pathol 1989 Jun;42(6):653–7
Judd AM see **Spangelo BL**
Judd D see **Pierpont ME**
Juhn SK see **Hamaguchi Y**
Julian DG. Increased survival after APSAC: 30-day and 12-month mortality data from the APSAC Intervention Mortality Study. Am J Cardiol 1989 Jul 5;64(2):27A–29A; discussion 41A–42A
Julien N see **Martin N**
Jundt JW see **Katz ME**
Juneja MM see **Ackerman WE**
Jung LK see **Sung SS**
Jungalwala FB see **Koski CL**
Jüngst D see **Holl J**
Juriedini S see **Kesler KA**
Just H see **Hasenfuss G**
Justement LB, Kreiger J, Cambier JC. Production of multiple lymphokines by the A20.1 B cell lymphoma after cross-linking of membrane Ig by immobilized anti-Ig. J Immunol 1989 Aug 1;143(3):881–9
Justement LB see **Klemsz MJ**
Jutzy KR see **Bansal RC**

K

Kaalhus O see **Fosså SD**
Kaback MB see **Dannemann AF**
Kabalin JN, Hodge KK, McNeal JE, Freiha FS, Stamey TA. Identification of residual cancer in the prostate following radiation therapy: role of transrectal ultrasound guided biopsy and prostate specific antigen. J Urol 1989 Aug;142(2):326–31
Kabra SG see **Narayanan R**
Kacsoh B see **Shah GV**
Kaddoura IL see **Morris SF**
Kagan AR see **Ryoo MC**
Kagey-Sobotka A see **Golden DB**
Kahaleh MB see **Leroy EC**
Kahlam S see **Charlap S**
Kahn E, Letz G. Clinical ecology: environmental medicine or unsubstantiated theory? Ann Intern Med 1989 Jul 15; 111(2):104–6 (19 ref.)
Kahn HA, Medalie JH, Balogh M, Groen JJ, Riss E. Diet and serum cholesterol [letter] Am J Clin Nutr 1989 Jul; 50(1):177–8
Kahn KL see **Linn LS**
Kahn M see **Moroz C**
Kahn RL see **Herzog AR**
Kahri AI, Heikkilä P, Ehnholm C, Ranki H, Kovanen PT. Sequential expression of high and low density lipoprotein receptors in differentiating fetal rat adrenocortical cells in primary culture. Endocrinology 1989 Jul;125(1):68–75
Kahrilas PJ see **Logemann JA**
Kain R see **Kerjaschki D**
Kaindl H see **Pimpl W**
Kaiselburd EN see **Kaplan JE**
Kaiser AM see **Peters AM**
Kaiser DL see **Krusch DA**
Kaiser GC see **Zack PM**
Kaiser S see **Kimme-Smith C**
Kaiser-Kupfer MI see **Eldridge R**
Kajino A see **Shoji H**
Kaketani K, Saito T, Kobayashi M. Flow cytometric analysis of nuclear DNA content in esophageal cancer. Aneuploidy as an index for highly malignant potential. Cancer 1989 Aug 15;64(4):887–91
Kalainov D see **Kelen GD**
Kalbfleisch KR, Lehmann MH, Steinman RT, Jackson K, Axtell K, Schuger CD, Tchou PJ. Reemployment following implantation of the automatic cardioverter defibrillator. Am J Cardiol 1989 Jul 15;64(3):199–202
Kalenak A see **Hanks GA**
Kaley LA see **Ahern DA**
Kaliner MA see **Kowalski ML**
Kallenberg CG, ter Borg EJ, Meijer S, de Jong PE. Thromboxane antagonism in lupus nephritis [letter] N Engl J Med 1989 Aug 3;321(5):330–1
Källenius G, Svenson SB, Hoffner SE. Ethambutol: a key for Mycobacterium avium complex chemotherapy? [letter] Am Rev Respir Dis 1989 Jul;140(1):264
Kallio A, Scheinin M, Koulu M, Ponkilainen R, Ruskoaho H, Viinamäki O, Scheinin H. Effects of dexmedetomidine, a selective alpha 2-adrenoceptor agonist, on hemodynamic control mechanisms. Clin Pharmacol Ther 1989 Jul; 46(1):33–42
Kalloo AN, Lewis JH, Maher K, Benjamin SB. Swallowing. An unusual cause of syncope. Dig Dis Sci 1989 Jul; 34(7):1117–20
Kalmár A see **Maródi L**
Kalnicki S. Radiation therapy in the treatment of bone and soft tissue sarcomas. Orthop Clin North Am 1989 Jul; 20(3):505–12 (43 ref.)
Kalser SC, Go VL. Growth of digestive diseases research funds and investigators supported by the National Institutes of Health. Gastroenterology 1989 Aug;97(2):482–7
Kalstone C. Methicillin-resistant staphylococcal mastitis. Am J Obstet Gynecol 1989 Jul;161(1):120
Kaltenbach M see **Vallbracht C**
Kalter C see **Hoffman M**
Kalwinsky DK see **Pui CH**
Kamada M see **Mori K**
Kamada T see **Kashiwagi T**
Kamakura S see **Ohe T**
Kamal RS see **Khan FA**
Kamble TK, Ookalkar DS. Lactational hypomagnesaemia [letter] Lancet 1989 Jul 15;2(8655):155–6
Kameda T see **Ochiai A**
Kamerer DB see **Furman JM**
Kamihara S, Yokota M, Iwase M, Miyahara T, Hayashi H, Saito H, Sugiyama S, Ozawa T. Early detection of myocardial ischemia by myocardial free fatty acid extraction in patients with exercise-induced angina pectoris. Am J Cardiol 1989 Jul 15;64(3):180–5
Kamiishi H see **Isogai N**
Kamikonya N see **Hishikawa Y**
Kampine JP see **Roerig DL**
Kampine JP see **Schmeling WT**
Kanagawa O see **Yokoyama WM**
Kanaya H see **Murakami M**
Kander NH, O'Neill W, Topol EJ, Gallison L, Mileski R, Ellis SG. Long-term follow-up of patients treated with coronary angioplasty for acute myocardial infarction. Am Heart J 1989 Aug;118(2):228–33
Kandzari SJ see **Rocklin MS**
Kane SV see **Lashner BA**
Kaneko CR. Hypothetical explanation of selective saccadic palsy caused by pontine lesion. Neurology 1989 Jul; 39(7):994–5
Kang JY see **Yap I**
Kang Y, Borland LM, Picone J, Martin LK. Intraoperative coagulation changes in children undergoing liver transplantation. Anesthesiology 1989 Jul;71(1):44–7
Kangarloo H see **Hall TR**
Kangilaski J. Looking to future of genome mapping, sequencing [news] JAMA 1989 Jul 21;262(3):325
Kangilaski J. Nobelists emphasize interdependence in global

science and technology [news] JAMA 1989 Jul 21; 262(3):325–6
Kannagi M see **Tsubota H**
Kannagi R see **Mori Y**
Kano K see **Takiguchi M**
Kantanen ML see **Karhunen PJ**
Kanter KR see **Kesler KA**
Kanter RK, Tompkins JM. Adverse events during interhospital transport: physiologic deterioration associated with pretransport severity of illness. Pediatrics 1989 Jul; 84(1):43–8
Kantor P see **Posel D**
Kanzaki K see **Katsoka H**
Kao SC, Smith WL, Abu-Yousef MM, Franken EA Jr, Sato Y, Kimura K, Soper RT. Acute appendicitis in children: sonographic findings. AJR Am J Roentgenol 1989 Aug; 153(2):375–9
Kapadia B see **Christou NV**
Kapadia K see **Ellenbogen KA**
Kaplan BH see **Fredman L**
Kaplan DL see **Kuttner BJ**
Kaplan EL, Berrios X, Speth J, Siefferman T, Guzman B, Quesny F. Pharmacokinetics of benzathine penicillin G: serum levels during the 28 days after intramuscular injection of 1,200,000 units. J Pediatr 1989 Jul;115(1):146–50
Kaplan EL see **Favus LH**
Kaplan GW see **Scherz HC**
Kaplan HJ see **Ferguson TA**
Kaplan JE, Yamamura Y, Rios-Olivares EO, Cannon RO, Khabbaz RF, Gubler DJ, Kaiselburd EN, Hartley TM, Lairmore MD. Seroprevalence of human T lymphotropic virus type I in Puerto Rico. Am J Trop Med Hyg 1989 Jun;40(6):659–62
Kaplan MM see **Hamburger JI**
Kaplan NM. Calcium entry blockers in the treatment of hypertension. Current status and future prospects. JAMA 1989 Aug 11;262(6):817–23 (88 ref.)
Kaplan NM. The deadly quartet. Upper-body obesity, glucose intolerance, hypertriglyceridemia, and hypertension. Arch Intern Med 1989 Jul;149(7):1514–20 (76 ref.)
Kaplan RD see **Cleghorn JM**
Kaplan WE, Richards TW, Richards I. Intravesical transurethral bladder stimulation to increase bladder capacity. J Urol 1989 Aug;142(2 Pt 2):600–2; discussion 603–5
Kaplan WE see **Smith FL**
Kapoor W see **Karpf M**
Kappas A see **Sassa S**
Kappenberger L, Valin H, Sowton E. Multicenter long-term results of antitachycardia pacing for supraventricular tachycardias. Am J Cardiol 1989 Jul 15;64(3):191–3
Kaprio J see **Haapanen A**
Kapur S see **Taylor GA**
Kara U, Pye D, Lord R, Pam C, Gould H, Geysen M, Jones G, Stenzel D, Kidson C, Saul A. Immune response to a synthetic peptide corresponding to an epitope of a parasitophorous vacuole membrane antigen from Plasmodium falciparum. J Immunol 1989 Aug 15; 143(4):1334–9
Karaca AR. Using the suction apparatus of the laser machine to get rid of smoke from electrocoagulation [letter] Plast Reconstr Surg 1989 Aug;84(2):372
Karakasis DT, Ainatzoglou MD. Ossification in the wall of a radicular cyst: report of a case. J Oral Maxillofac Surg 1989 Aug;47(8):853–5
Karaki S see **Takiguchi M**
Karani J see **Stringer MD**
Karaus M see **Blank EL**
Karczmar GS, Tavares NJ, Moseley ME. Use of radio-frequency field gradients to image blood flow and perfusion in vivo. Radiology 1989 Aug;172(2):363–6
Karhunen PJ, Penttilä A, Kantanen ML, Leinikki P. Screening for HIV in medicolegal necropsies in Helsinki. BMJ 1989 Apr 29;298(6681):1160
Kariyone A see **Takiguchi M**
Karl L see **Butman SM**
Karlberg I see **Jivegård L**
Karlsen A see **Atar D**
Karlson BW see **Herlitz J**
Karonen SL see **Roine RO**
Karp JE see **Geller RB**
Karp JE see **Hantel A**
Karp RJ, Scholl TO, Decker E, Ebert E. Growth of abused children. Contrasted with the non-abused in an urban poor community. Clin Pediatr (Phila) 1989 Jul;28(7):317–20
Karpf M, Kapoor W, Levey GS. Development of a central division of general internal medicine. Acad Med 1989 Jul; 64(7):363–71
Karram MM, Yeko TR, Sauer MV, Bhatia NN. Urodynamic changes following hormonal replacement therapy in women with premature ovarian failure. Obstet Gynecol 1989 Aug;74(2):208–11
Karsch KR see **Dittmann H**
Kartovaara L see **Marti B**
Karttunen T see **Niemelä S**
Karvonen MJ see **Pekkanen J**
Kasahara Y see **Kitsugi T**
Kashani JH, Rosenberg TK, Reid JC. Developmental perspectives in child and adolescent depressive symptoms in a community sample. Am J Psychiatry 1989 Jul; 146(7):871–5
Kashiwagi T, Kimura K, Kozuka T, Sato N, Kamada T, Mitsutani N, Koizumi T. Portosystemic collaterals in portal hypertension: visualization by using blood-pool SPECT imaging. AJR Am J Roentgenol 1989 Aug;153(2):281–5
Kashiwagi T see **Chylack LT Jr**
Kashyap A see **Singh JP**
Kasid A, Director EP, Rosenberg SA. Induction of endogenous cytokine-mRNA in circulating peripheral blood mononuclear cells by IL-2 administration to cancer patients. J Immunol 1989 Jul 15;143(2):736–9
Kaski JC see **Pupita G**
Kasprzyk PG see **Mulshine JL**
Kass EJ, Freitas JE, Bour JB. Adolescent varicocele: objective indications for treatment. J Urol 1989 Aug;142(2 Pt 2):579–82; discussion 603–5
Kass F, Spitzer RL, Williams JB, Widiger T. Self-defeating personality disorder and DSM-III-R: development of the diagnostic criteria. Am J Psychiatry 1989 Aug; 146(8):1022–6 (49 ref.)
Kassell NF see **Graff-Radford NR**
Kasser JR see **O'Neill DB**
Kassirer JP, Kopelman RI. The luxuriant language of diagnosis. Hosp Pract [Off] 1989 Jul 15;24(7):36–8, 40, 42, 49
Kaste M see **Roine RO**
Kastern W see **Guberski DL**
Kasznica J, Sideli RV, Collins MH. Lymph node hemangioma. Arch Pathol Lab Med 1989 Jul;113(7):804–7 (8 ref.)
Kataoka H, Tamura A, Yano S, Kanzaki K, Mikuriya Y. Intraventricular conduction delay in acute right ventricular ischemia. Am J Cardiol 1989 Jul 1;64(1):94–5
Katchinoff B see **Farmer TW**
Kato H see **Watanabe N**
Kato K see **Lin AT**
Kato K see **Saito M**
Kato S see **Koyama K**
Katon W, Russo J. Somatic symptoms and depression. J Fam Pract 1989 Jul;29(1):65–9
Katsanis J, Iacono WG. Association of left-handedness with ventricle size and neuropsychological performance in schizophrenia. Am J Psychiatry 1989 Aug;146(8):1056–8
Katsouyanni K see **Trichopoulos D**
Katz CP see **Shapiro LE**
Katz DI, Alexander MP, Seliger GM, Bellas DN. Traumatic basal ganglia hemorrhage: clinicopathologic features and outcome. Neurology 1989 Jul;39(7):897–904
Katz ER see **Dolgin MJ**
Katz HR see **Glasser DB**
Katz JD, Lebow LT, Bonavida B. The in vivo depletion of V beta 17a+ T cells results in the inhibition of reticulum cell sarcoma growth in SJL/J mice. Evidence for the use of anticlonotypic antibody therapy in the control of malignancy. J Immunol 1989 Aug 15;143(4):1387–95
Katz JL see **Iaffe JH**
Katz ME, Shier CK, Ellis BI, Leisen JC, Hardy DC, Jundt JW. A unified approach to symptomatic juxtasternal arthritis and enthesitis. AJR Am J Roentgenol 1989 Aug; 153(2):327–33
Katz RA. A piece of my mind. Flaky. JAMA 1989 Jul 14; 262(2):282
Katz VL, Seeds JW. Fetal and neonatal cardiovascular complications from beta-sympathomimetic therapy for tocolysis. Am J Obstet Gynecol 1989 Jul;161(1):1–4
Katzman R see **Salmon DP**
Katznelson D see **Davidson S**
Kauffman RE see **Tolia V**
Kaufman F see **Ng WG**
Kaufman HE see **Limberg MB**
Kaufman N see **Gustafson EJ**
Kavanagh G see **Lyons D**
Kavanagh KT, Franks R. Analog and digital filtering of the brain stem auditory evoked response. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):508–14
Kawa-Ha K, Ishihara S, Ninomiya T, Yumura-Yagi K, Hara J, Murayama F, Tawa A, Hirai K. CD3-negative lymphoproliferative disease of granular lymphocytes containing Epstein-Barr viral DNA. J Clin Invest 1989 Jul;84(1):51–5
Kawai C see **Onodera T**
Kawamura A see **Onodera T**
Kawano N see **Endo M**
Kawasaki T see **Hirai T**
Kawase Y see **Nagata M**
Kay R see **Chudler RM**
Kay SR, Singh MM. The positive-negative distinction in drug-free schizophrenic patients. Stability, response to neuroleptics, and prognostic significance. Arch Gen Psychiatry 1989 Aug;46(8):711–8
Kay SR see **Merriam AE**
Kaya IS, Ceyhan M, Dilmen U, Korten V, Mert A. Therapy for shigellosis [letter] J Pediatr 1989 Jul;115(1):168–9
Kaye BR. Rheumatologic manifestations of infection with human immunodeficiency virus (HIV). Ann Intern Med 1989 Jul 15;111(2):158–67 (128 ref.)
Kaye NW see **Howe SC**
Keane FB see **Attwood SE**
Keane JR. Neurologic eye signs following motorcycle accidents. Arch Neurol 1989 Jul;46(7):761–2
Kearney JJ see **Raymond WR**
Keating MA, Escala J, Snyder HM 3d, Heyman S, Duckett JW. Changing concepts in management of primary obstructive megaureter. J Urol 1989 Aug;142(2 Pt 2):636–40; discussion 667–8
Keating MA see **Cendron M**
Keating MA see **Huff DS**
Keating MJ see **Crane MM**
Keats AS see **Saidman LJ**
Keeler EB, Manning WG, Newhouse JP, Sloss EM, Wasserman J. The external costs of a sedentary life-style. Am J Public Health 1989 Aug;79(8):975–81
Keeney GL, Unni KK, Beabout JW, Pritchard DJ. Adamantinoma of long bones. A clinicopathologic study of 85 cases. Cancer 1989 Aug 1;64(3):730–7
Kehl M see **Galanakis DK**
Kehoe CE see **Barbee JG**
Keilholz U, Körbling M, Fehrentz D, Bauer H, Hunstein W. Long-term endocrine toxicity of myeloablative treatment followed by autologous bone marrow/blood derived stem cell transplantation in patients with malignant lymphohematopoietic disorders. Cancer 1989 Aug 1; 64(3):641–5
Keintz MK see **Rimer BK**
Keizer GD see **Pals ST**
Kelalis P see **D'Angio GJ**
Kelen GD, DiGiovanna T, Bisson L, Kalainov D, Sivertson KT, Quinn TC. Human immunodeficiency virus infection in emergency department patients. Epidemiology, clinical presentations, and risk to health care workers: the Johns Hopkins experience. JAMA 1989 Jul 28;262(4):516–22
Kelleher KJ, Hohmann AA, Larson DB. Prescription of psychotropics to children in office-based practice. Am J Dis Child 1989 Jul;143(7):855–9
Keller JR see **Goey H**
Keller M see **Coryell W**
Kellermann JJ see **Fisman EZ**
Kelley PY see **U HS**
Kelley WN see **Davidson BL**
Kelloff G see **Greenwald P**
Kellogg JA. The diagnosis of group A, beta-hemolytic streptococcal pharyngitis in the office setting [letter] Am J Dis Child 1989 Jul;143(7):761–2
Kelly CJ see **Haverty TP**
Kelly GD see **Rieder HL**
Kelly J. Vesicovaginal fistula [letter] Lancet 1989 Jul 8; 2(8654):109
Kelly JJ see **Pessin MS**
Kelly KJ, Garland JS, Tang TT, Shug AL, Chusid MJ. Fatal rhabdomyolysis following influenza infection in a girl with familial carnitine palmityl transferase deficiency. Pediatrics 1989 Aug;84(2):312–6
Kelly KJ see **Garland JS**
Kelly LS. A little more nursing homework [editorial] Nurs Outlook 1989 Jul-Aug;37(4):163
Kelly MR see **Eschbach JW**
Kelly SM see **Rosenfield K**
Kelsey K see **Hu H**
Kelsey M see **Mok Q**
Kelsey TG see **Koran LM**
Kelsoe J see **Wolkowitz OM**
Kemp DH see **Willadsen P**
Kemp JD see **Futran J**
Kempe A, Hall CB, MacDonald NE, Foye HR, Woodin KA, Cohen HJ, Lewis ED, Gullace M, Gala CL, Dulberg CS, et al. Influenza in children with cancer. J Pediatr 1989 Jul;115(1):33–9
Kempf JS see **Ferguson DW**
Kenan S see **Klein MJ**
Kendler KS, Spitzer RL, Williams JB. Psychotic disorders in DSM-III-R. Am J Psychiatry 1989 Aug;146(8):953–62 (84 ref.)
Kennard C see **Thompson AJ**
Kennedy C see **Barton RW**
Kennedy CR, Cogswell JJ. Late onset ornithine carbamoyl transferase deficiency in males [letter] Arch Dis Child 1989 Apr;64(4):638
Kennedy DL see **Hine LK**
Kennedy JW, Weaver WD. Potential use of thrombolytic therapy before hospitalization. Am J Cardiol 1989 Jul 5; 64(2):8A–11A; discussion 24A–26A
Kennedy RW, Till W, Shah JB. Imprecise fentanyl and sufentanil labels [letter] Anesth Analg 1989 Jul;69(1):1003–4
Kennedy TL see **Giddings NA**
Kennedy TP, Johnson KJ, Kunkel RG, Ward PA, Knight PR, Finch JS. Acute acid aspiration lung injury in the rat: biphasic pathogenesis. Anesth Analg 1989 Jul;69(1):953–8
Kenny BD, Sloan JM, Hamilton PW, Watt PC, Johnston CF, Buchanan KD. The role of morphometry in predicting prognosis in pancreatic islet cell tumors. Cancer 1989 Jul 15;64(2):460–5
Kenny MJ see **Bauer FE**
Kent PG see **Stachura ME**
Keogh BE, Crea F, Bull T, Blackie RA, Taylor KM. Intravascular delivery of laser energy with metal-capped optical fibers: the potential hazard of distal embolism. Am Heart J 1989 Jul;118(1):47–53
Keohane M see **Heller DS**
Kephart GM see **Trocme SD**
Keramati B see **Didolkar MS**
Kerbeshian LA. Predicting and fostering success of American Indians in medical school. Acad Med 1989 Jul; 64(7):396–400
Kereiakes DJ, Topol EJ, George BS, Abbottsmith CW, Stack RS, Candela RJ, O'Neill WW, Anderson LC, Califf RM.

Favorable early and long-term prognosis following coronary bypass surgery therapy for myocardial infarction: results of a multicenter trial. TAMI Study Group. Am Heart J 1989 Aug;118(2):199–207
Keren A see **Tzivoni D**
Kerjaschki D, Schulze M, Binder S, Kain R, Ojha PP, Susani M, Horvat R, Baker PJ, Couser WG. Transcellular transport and membrane insertion of the C5b-9 membrane attack complex of complement by glomerular epithelial cells in experimental membranous nephropathy. J Immunol 1989 Jul 15;143(2):546–52
Kern IB, Eisenberg M, Willis S. Management of oesophageal stenosis in epidermolysis bullosa dystrophica. Arch Dis Child 1989 Apr;64(4):551–6
Kern MJ, Deligonul U, Labovitz A. Influence of drug therapy on the ischemic response to acute coronary occlusion in man: supply-side economics. Am Heart J 1989 Aug; 118(2):361–80 (109 ref.)
Kern MJ see **Gudipati CV**
Kern PA see **Ong JM**
Kerndt PR see **Sinks T**
Kernoff PB see **Webster A**
Kerns TJ see **Scheib BT**
Kerr BM, Rettie AE, Eddy AC, Loiseau P, Guyot M, Wilensky AJ, Levy RH. Inhibition of human liver microsomal epoxide hydrolase by valproate and valpromide: in vitro/in vivo correlation. Clin Pharmacol Ther 1989 Jul;46(1):82–93
Kerr S see **Marshall G**
Kerrigan DD, Read NW, Taylor ME, Houghton LA, Johnson AG. Duodenal bulb acidity and the natural history of duodenal ulceration. Lancet 1989 Jul 8;2(8654):61–3
Kersey L see **Richwald GA**
Kerstein MD see **Bone RC**
Kerstein MD see **Frame SB**
Kerstein MD see **Ross N**
Kersting-Sommerhoff BA, Diethelm L, Teitel DF, Sommerhoff CP, Higgins SS, Higashino SS, Higgins CB. Magnetic resonance imaging of congenital heart disease: sensitivity and specificity using receiver operating characteristic curve analysis. Am Heart J 1989 Jul;118(1):155–61
Kerzel W see **Ell C**
Kesäniemi YA see **Haapanen A**
Keshavarzian A see **Yegelwel EJ**
Kesler KA, Pennington DG, Nouri S, Boegner E, Kanter KR, Harvey L, Chen SC, Juriedini S, Balfour I, Willman VL. Left subclavian-left coronary artery anastomosis for anomalous origin of the left coronary artery. Long-term follow-up. J Thorac Cardiovasc Surg 1989 Jul;98(1):25–9
Kessler D see **Barzilay E**
Kessler HB see **Rimer BK**
Kessler KM, McAuliffe D, Kozlovskis P, Castellanos A, Myerburg RJ. QRS morphology-dependent, concordant frequency distribution of single and repetitive forms of ventricular ectopic activity. Am Heart J 1989 Jul; 118(1):58–62
Kessler KM, Wozniak PM, McAuliffe D, Terracall E, Kozlovskis P, Mahmood I, Zaman L, Trohman RG, Castellanos A, Myerburg RJ. The clinical implication of changing unbound quinidine levels. Am Heart J 1989 Jul; 118(1):63–9
Kessler KM. Diastolic heart failure. Diagnosis and management. Hosp Pract [Off] 1989 Jul 15;24(7):137–41, 146–8, 158–60 passim (10 ref.)
Kessler PD, Cates AE, Van Dop C, Feldman AM. Decreased bioactivity of the guanine nucleotide-binding protein that stimulates adenylate cyclase in hearts from cardiomyopathic Syrian hamsters. J Clin Invest 1989 Jul; 84(1):244–52
Kestens-Servaye Y see **Dion R**
Kester RC see **Parkin A**
Kesterson L see **Benzel EC**
Ketelslegers JM see **Berbinschi A**
Kettel LJ. Assessing Change in Medical Education (ACME). Acad Med 1989 Jul;64(7):378–9
Keusch GT see **Mobassaleh M**
Key CR see **Sewell CM**
Keys AG see **Malik RL**
Keys T see **Mehle ME**
Keystone JS see **Nguyen CD**
Khabbaz RF see **Kaplan JE**
Khafif R see **Fleischer A**
Khaja F see **Mahdyoon H**
Khalilullah M see **Mohan JC**
Khan A see **Rosenblum M**
Khan FA, Kamal RS. Effect of buprenorphine on the cardiovascular response to tracheal intubation. Anaesthesia 1989 May;44(5):394–7
Khan JH see **Kraybill EN**
Khaneja SC see **Gupta BK**
Khansur T, Sanders J, Das SK. Evaluation of staging workup in malignant melanoma. Arch Surg 1989 Jul;124(7):847–9
Kharbanda R see **Harrison DJ**
Khardori N, Hayat S, Rolston K, Bodey GP. Cutaneous Rhizopus and Aspergillus infections in five patients with cancer. Arch Dermatol 1989 Jul;125(7):952–6 (31 ref.)
Khardori R. Unusual case of postoperative adrenal hemorrhage [letter] Am J Med 1989 Jul;87(1):4
Khin CC see **Crofton RW**
Khin MA see **Sham JS**
Kholkute SD see **Puri CP**
Khoshoo V see **Bhandari N**
Khoury A see **Fakhry J**
Khoury AE, Olson ME, McLorie GA, Churchill BM. Urethral replacement with tunica vaginalis: a pilot study. J Urol 1989 Aug;142(2 Pt 2):628–30; discussion 631
Khoury MJ, Cordero JF, Mulinare J, Opitz JM. Selected midline defect associations: a population study. Pediatrics 1989 Aug;84(2):266–72
Khoury Z see **Tzivoni D**
Khu P see **Chylack LT Jr**
Khubchandani IT, Reed JF. Sequelae of internal sphincterotomy for chronic fissure in ano. Br J Surg 1989 May;76(5):431–4
Kiat H see **Berman DS**
Kiatboonsri P, Richter J. Dipyrone trials in Thailand [letter] Lancet 1989 Jul 8;2(8654):107
Kida T, Yago N. Detection of psoas abscess by gallium-67 scintigraphy, sonography, and CT [letter] AJR Am J Roentgenol 1989 Aug;153(2):430–1
Kido DK see **Giang DW**
Kidson C see **Kara U**
Kiel DP, Baron JA, Plymate SR, Chute CG. Sex hormones and lipoproteins in men. Am J Med 1989 Jul;87(1):35–9
Kienzle MG see **Ferguson DW**
Kiff RS see **Crowson MC**
Killholma P see **Klemi PJ**
Kilburn H Jr see **Hannan EL**
Kilburn KH. Re-examination of longitudinal studies of workers [editorial] Arch Environ Health 1989 May-Jun; 44(3):132–3
Kilburn KH, Warshaw RH. Pulmonary functional impairment from years of arc welding. Am J Med 1989 Jul;87(1):62–9
Killen JD see **Hayward C**
Kilner JF see **Romond EH**
Kim CR, Maley MB, Mohler ER Jr. Captopril and aplastic anemia [letter] Ann Intern Med 1989 Jul 15;111(2):187–8
Kim D see **Edelman RR**
Kim D see **Simon M**
Kim H see **Gulmi FA**
Kim HC, Raska K Jr, Trooskin S, Saidi P. Immune thrombocytopenia in hemophiliacs infected with human immunodeficiency virus and their response to splenectomy. Arch Intern Med 1989 Jul;149(7):1685–8
Kim JH see **Kim YI**
Kim N see **Traish A**
Kim SJ see **Kumkumian GK**
Kim SJ see **Lafyatis R**
Kim WS see **Pearlson GD**
Kim YI, Kim JH, Suh JS, Ham EK, Suh KP. Glomus tumor of the trachea. Report of a case with ultrastructural observation. Cancer 1989 Aug 15;64(4):881–6
Kim YS see **Ho SB**
Kimball BP, Dafopoulos N, LiPreti V. Comparative evaluation of coronary stenoses using fluid dynamic equations and standard quantitative coronary arteriography. Am J Cardiol 1989 Jul 1;64(1):6–10
Kimme-Smith C, Duerinckx AJ, Kaiser S, Jones JP, Tessler FN, Bassett LW. Frequency measurements in real-time US equipment: variations from expected values. Radiology 1989 Aug;172(2):449–52
Kimmel DW see **Minette SE**
Kimmelman CP see **Alleva MD**
Kimura K see **Kao SC**
Kimura K see **Kashiwagi T**
Kimura T, Inoue M, Miyake A, Tanizawa O, Oka Y, Amemiya K, Mineta H, Neki R, Nishino H, Morishige K, et al. The use of serum TA-4 in monitoring patients with malignant transformation of ovarian mature cystic teratoma. Cancer 1989 Jul 15;64(2):480–3
Kincaid CB, Lavoie KH. Inhibition of bacterial growth in vitro following stimulation with high voltage, monophasic, pulsed current. Phys Ther 1989 Aug;69(8):651–5
Kindack DG see **Awang DV**
King GA see **Sagerman RH**
King H. Diabetes mellitus in Africans [letter] Lancet 1989 Jul 1;2(8653):42
King J see **Gilsanz V**
King JF see **Lewin RF**
King JW, Todd JR, West BC. Wegener's granulomatosis [letter] Arch Intern Med 1989 Jul;149(7):1695, 1698
King MA, Barkovich AJ, Halbach VA, Hieshima GB, Edwards MS. Traumatic monocular blindness and associated carotid injuries. Pediatrics 1989 Jul;84(1):128–32
King MC see **Petrakis NL**
King NJ see **Kohonen-Corish MR**
King NM, Cross AW. Children as decision makers: guidelines for pediatricians. J Pediatr 1989 Jul;115(1):10–6
King NW see **Tsubota H**
King PS see **Suslavich FJ**
King R see **Hayward C**
King SB 3d. Patient selection for percutaneous transluminal coronary angioplasty in acute myocardial infarction. Am J Cardiol 1989 Jul 18;64(4):22B–24B
King SB 3d see **Ellis SG**
King TM see **Dans PE**
King WA, Hieshima GB, Martin NA. Venous rupture during transvenous approach to a carotid-cavernous fistula. Case report. J Neurosurg 1989 Jul;71(1):133–7
Kingston RD see **Crowson MC**
Kingston WJ see **Moxley RT 3d**
Kinoshita M see **Iwasaki Y**
Kinoshita T see **Ueda E**
Kinscherf DA see **Rubin EH**
Kipps TJ see **Pratt LF**
Kirby DF see **Wetstein L**
Kirby J see **Reath DB**
Kirby M see **Spurzem JR**
Kirby RM, Ismail T, Crowson M, Baddeley RM. Gastric banding in the treatment of morbid obesity. Br J Surg 1989 May;76(5):490–2
Kirby RR. Synchronized intermittent mandatory ventilation versus assist control: just the facts, ma'am [editorial] Crit Care Med 1989 Jul;17(7):706–7
Kirk J see **Quigley C**
Kirk PM see **Lee MY**
Kirkels WJ, Feitz WF, Verhagen-Derks WA, Herman CJ, Debruyne FM. The predictive value of repeated urine cell culture in soft agar for recurrences of transitional cell carcinoma. J Urol 1989 Aug;142(2):422–4
Kirkinen P see **Räsänen J**
Kirkland JL see **Lin TH**
Kirkland RT see **Lin TH**
Kirklin JK see **Henzlova MJ**
Kirkpatrick AE see **Law J**
Kirkpatrick B, Carpenter WT Jr, Buchanan RW. Empathy and schizophrenia [letter] Am J Psychiatry 1989 Jul; 146(7):945–6
Kirnbauer R see **Luger TA**
Kiroff GK see **Chasseray VM**
Kirpekar M see **Abiri MM**
Kirshenbaum JM. Nonthrombolytic intervention in acute myocardial infarction. Am J Cardiol 1989 Jul 18; 64(4):25B–28B (24 ref.)
Kirshner HS see **Deitch D**
Kirwood CA see **Hills BA**
Kish JA see **de Braud F**
Kishimoto S see **Komori T**
Kisslo JA see **Ungerleider RM**
Kissoon N. Seizure activity mimicking brainstem herniation [letter] Crit Care Med 1989 Jul;17(7):712
Kitani K see **Miyasaka K**
Kitani K see **Zs.-Nagy I**
Kitani T see **Ueda E**
Kitano M see **Yokota M**
Kitas GD see **Salmon M**
Kito S see **Anzai N**
Kitsugi T, Kasahara Y, Seto Y, Komai S. Normal somatomedin-C activity measured by radioimmunoassay in Perthes' disease. Clin Orthop 1989 Jul;(244):217–21
Kittrell C see **Richards-Kortum R**
Kitzes J see **Berger LR**
Kitzhaber J. The Oregon Health Initiative [letter] Lancet 1989 Jul 8;2(8654):106
Kivilaakso E see **Ranta-Knuuttila T**
Kiviluoto T see **Ranta-Knuuttila T**
Kiyota Y see **Motohara K**
Kizer KW. Radon testing of California homes [letter] West J Med 1989 Jun;150(6):697 -8
Kizer KW, Poorbaugh JH. "Miraculous insecticide chalk"—An unregistered household insecticide [letter] West J Med 1989 Jun;150(6):698
Kizer KW see **Spain C**
Kjaergaard SK, Pedersen OF, Frydenberg M, Schønheyder H, Andersen P, Bonde GJ. Respiratory disease and lung function in a tobacco industry. Arch Environ Health 1989 May-Jun;44(3):164–70
Kjos BO see **Aoki S**
Klaase JM, Kroon BB, Benckhuijsen C, van Geel AN, Albus-Lutter CE, Wieberdink J. Results of regional isolation perfusion with cytostatics in patients with soft tissue tumors of the extremities. Cancer 1989 Aug 1; 64(3):616–21
Klaiber C see **Ris HB**
Klain M see **Mazloomdoost M**
Klain M see **Wilks DH**
Klappacher G see **Luger TA**
Klar A see **Hurvitz H**
Klastersky J, Feld R, Kleisbauer JP, Rocmans P. Treatment of N2 non-small cell lung cancer (NSCLC). Chest 1989 Jul;96(1 Suppl):83S–85S (0 ref.)
Klatsky AL see **Angel A**
Klebanoff MA, Meirik O, Berendes HW. Second-generation consequences of small-for-dates birth. Pediatrics 1989 Aug; 84(2):343–7
Klebanoff MA, Shiono PH, Berendes HW, Rhoads GG. Facts and artifacts about anemia and preterm delivery. JAMA 1989 Jul 28;262(4):511–5
Kleiger RE see **Boden WE**
Klein AA see **Ichida F**
Klein BR, Hedges TR 3d, Dayal Y, Adelman LS. Orbital myositis and giant cell myocarditis. Neurology 1989 Jul; 39(7):988–90
Klein DN. Social adjustment in affective disorders [letter] Am J Psychiatry 1989 Aug;146(8):1086–7
Klein L see **Lindsay MK**
Klein MD see **Kundu SK**
Klein MJ, Kenan S, Lewis MM. Osteosarcoma. Clinical and pathological considerations. Orthop Clin North Am 1989 Jul;20(3):327–45 (66 ref.)
Klein R, Timpl R, Zanetti FR, Plester D, Berg PA. High antibody levels against mouse laminin with specificity for galactosyl-(alpha 1-3)galactose in patients with inner ear diseases. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):537–42
Klein RC, Machell C. Use of electrophysiologic testing in patients with nonsustained ventricular tachycardia:

prognostic and therapeutic implications.
J Am Coll Cardiol 1989 Jul;14(1):155–61; discussion 162–3
Klein RC see **Graettinger WF**
Kleinbaum DG see **Fredman L**
Kleinerman J see **Yazdy AM**
Kleinman I, Schachter D, Koritar E. Informed consent and tardive dyskinesia. Am J Psychiatry 1989 Jul;146(7):902–4
Kleinman I, Lowy FH. Cadaveric organ donation: ethical considerations for a new approach. Can Med Assoc J 1989 Jul 15;141(2):107–10
Kleinman J see **Czer LS**
Kleisbauer JP see **Klastersky J**
Klemi PJ, Joensuu H, Mäenpää J, Kiilholma P. Influence of cellular DNA content on survival in ovarian carcinoma. Obstet Gynecol 1989 Aug;74(2):200–4
Klemsz MJ, Justement LB, Palmer E, Cambier JC. Induction of c-fos and c-myc expression during B cell activation by IL-4 and immunoglobulin binding ligands.
J Immunol 1989 Aug 1;143(3):1032–9
Kleshinski S see **Simon M**
Kliegman RM see **Skidmore MD**
Klijn JG see **Schornagel JH**
Klimpel GR see **Wirt DP**
Kline DG see **Bailes JE**
Klipstein RK see **Bogren HG**
Klumpp R see **Hamburger J**
Klutke CG see **Golomb J**
Klyce SD see **Limberg MB**
Knapic N see **Stone S**
Knapp MT see **Stoehr AJ**
Knapp RC see **Cramer DW**
Knapstein PG see **Bürger RA**
Knauf RA see **Lichtig LK**
Knechtges DS see **Sedmak DD**
Knight GJ see **Osathanondh R**
Knight PR see **Kennedy TP**
Knighton D see **Bankey P**
Knipe KL see **Giddings NA**
Knoedler DW. The Modified Overt Aggression Scale [letter] Am J Psychiatry 1989 Aug;146(8):1081–2
Knot EA see **Porte RJ**
Knowles CJ see **Lein DH Jr**
Knuckey N see **Rockney R**
Knudsen A, Brodersen R. Skin colour and bilirubin in neonates. Arch Dis Child 1989 Apr;64(4):605–9
Knutton S, Shaw R, McNeish AS, Philips A, Price E, Watson P. Diagnosis of enteropathogenic Escherichia coli [letter] Lancet 1989 Jul 22;2(8656):218
Ko Y see **Akriviadis E**
Kobayashi JM see **Ostroff SM**
Kobayashi M see **Kaketani K**
Kobayashi Y see **Inatsuki A**
Koch DD, Lin JF, Gill EP, Parke DW 2d. Axial myopia increases the risk of retinal complications after neodymium-YAG laser posterior capsulotomy.
Arch Ophthalmol 1989 Jul;107(7):986–90
Koch EI see **Luciano AA**
Kochhar R see **Bhasin D**
Kochi T, Hagiya M, Mizuguchi T. Effects of enflurane on contractile response of canine trachealis muscle.
Anesth Analg 1989 Jul;69(1):926–34
Köck A see **Luger TA**
Kody MH see **Loitz BJ**
Koech DK see **Hamburger J**
Koene RA see **van de Winkel JG**
Koenig SB, McDermott ML, Hyndiuk RA. Penetrating keratoplasty and intraocular lens exchange for pseudophakic bullous keratopathy associated with a closed-loop anterior chamber intraocular lens.
Am J Ophthalmol 1989 Jul 15;108(1):43–8
Koenig SB see **McDermott ML**
Koenigsberger MR see **Mintz M**
Koeppl PM, Bolls-Wilson K, Bleecker ML. The MMPI: regional difference or normal aging? J Gerontol 1989 Jul; 44(4):P95–9
Koerker DJ see **Goodner CJ**
Koerner S see **Rodrigues EA**
Koff SA, Cirulli C, Wise HA. Clinical and urodynamic features of a new intestinal urinary sphincter for continent urinary diversion. J Urol 1989 Aug;142(2):293–6
Kofod H see **Atar D**
Kofoed L, Bloom JD, Williams MH, Rhyne C, Resnick M. Physicians investigated for inappropriate prescribing by the Oregon Board of Medical Examiners. West J Med 1989 May;150(5):597–601
Kogan S see **Gill B**
Kogan SJ see **Ehrlich RM**
Kogishi K see **Suzuki Y**
Kohl S, Loo LS, Rench MA, Noya FJ, Feldman S, Baker CJ. Effect of intravenously administered immune globulin on functional antibody to herpes simplex virus in low birth weight neonates. J Pediatr 1989 Jul;115(1):135–9
Köhler H see **Chen JJ**
Kohler M see **Leist TP**
Kohno H see **Nagasue N**
Kohno N, Kyoizumi S, Awaya Y, Fukuhara H, Yamakido M, Akiyama M. New serum indicator of interstitial pneumonitis activity. Sialylated carbohydrate antigen KL-6. Chest 1989 Jul;96(1):68–73
Kohonen-Corish MR, Blanden RV, King NJ. Induction of cell surface expression of HLA antigens by human IFN-gamma encoded by recombinant vaccinia virus.
J Immunol 1989 Jul 15;143(2):623–7
Köhrle J, Fang SL, Yang Y, Irmscher K, Hesch RD, Pino S, Alex S, Braverman LE. Rapid effects of the flavonoid EMD 21388 on serum thyroid hormone binding and thyrotropin regulation in the rat. Endocrinology 1989 Jul; 125(1):532–7
Kohvakka A see **Luurila OJ**
Koidou-Tsiligianni A, Alfonso E, Forster RK. Ulcerative keratitis associated with contact lens wear.
Am J Ophthalmol 1989 Jul 15;108(1):64–7
Kois JM see **Colony PC**
Koizumi T see **Kashiwagi T**
Kojima K, Niri M, Setoguchi K, Tsuda I, Tatsumi N. An automated optoelectronic reticulocyte counter.
Am J Clin Pathol 1989 Jul;92(1):57–61
Kok LP see **Boon ME**
Kok TC see **Schornagel JH**
Kokame GT see **Blankenship GW**
Kokmen E see **Petersen RC**
Kolber MA see **Bonvini E**
Koleilat N see **Gonzalez R**
Koletar SL see **Chambers RB**
Kollath J see **Vallbracht C**
Kollef MH, Dunn TL. Pulmonary embolism masquerading as pulmonary arteriovenous malformation on computerized tomography. South Med J 1989 Jul;82(7):924–6
Kolubayev T see **Richards-Kortum R**
Komai S see **Kitsugi T**
Komatsu R, Matsuyama T, Namba M, Watanabe N, Itoh H, Kono N, Tarui S. Glucagonostatic and insulinotropic action of glucagonlike peptide I-(7-36)-amide. Diabetes 1989 Jul; 38(7):902–5
Komatsu Y see **Shiina S**
Komisar A, Warman S, Danziger E. A critical analysis of immediate and delayed mandibular reconstruction using A-O plates. Arch Otolaryngol Head Neck Surg 1989 Jul; 115(7):830–3
Komitowski D, Janson C, Szamaborski J, Czernobilsky B. Quantitative nuclear morphology in the diagnosis of ovarian tumors of low malignant potential (borderline).
Cancer 1989 Aug 15;64(4):905–10
Komokowski RA see **Burdick S**
Komori T, Sugiyama H, Kishimoto S. A novel VHDJH to JH joining that induces H chain production in an Ig-null immature B cell line. J Immunol 1989 Aug 1;143(3):1040–5
Kondakis XG, Makris N, Leotsinidis M, Prinou M, Papapetropoulos T. Possible health effects of high manganese concentration in drinking water.
Arch Environ Health 1989 May-Jun;44(3):175–8
Kondo A see **Saito M**
Kondo T, Tamaya S, Ohta Y, Yamabayashi H. Dual-respiratory rhythms. A key to diagnosis of diaphragmatic flutter in patients with HVS. Chest 1989 Jul;96(1):106–9
Kondo Y see **Nazarea M**
Kondziolka D, Bilbao JM. An immunohistochemical study of neuroepithelial (colloid) cysts. J Neurosurg 1989 Jul; 71(1):91–7
Kondziolka D, Schwartz ML, Walters BC, McNeill I. The Sunnybrook Neurotrauma Assessment Record: improving trauma data collection. J Trauma 1989 Jun;29(6):730–5
Koneru B see **Wilson BJ**
Kong B, Heo J, Iskandrian AS. The duration of ST segment depression as an indicator of the pathophysiology of myocardial ischemia [editorial] Am Heart J 1989 Jul; 118(1):195–7
Kong KL, Willatts SM, Prys-Roberts C. Isoflurane compared with midazolam for sedation in the intensive care unit.
BMJ 1989 May 13;298(6683):1277–80
Konishi K see **Hayakawa K**
Konishi K see **Spurzem JR**
Konishi Y see **Hayakawa K**
Konnak JW, Ohl DA. Microsurgical penile revascularization using the central corporeal penile artery. J Urol 1989 Aug; 142(2):305–8
Kono N see **Komatsu R**
Konoe A see **Ohe T**
Konstantinides N see **Cerra FB**
Konsten J see **Gouma DJ**
Konturek SJ. Prostaglandins in the mediation of secretin-induced inhibition of gastric secretion and stimulation of pancreatic secretion [letter]
Gastroenterology 1989 Aug;97(2):554–6
Koo D. Chronic fatigue syndrome. A critical appraisal of the role of Epstein-Barr virus. West J Med 1989 May; 150(5):590–6 (44 ref.)
Koo SI, Lee CC. Cholesterol and apolipoprotein distribution in plasma high-density-lipoprotein subclasses from zinc-deficient rats. Am J Clin Nutr 1989 Jul;50(1):73–9
Kooh SW, Roberts EA, Fraser D, Curtis J, Jones G, Weber JL, Reilly BJ. Ultraviolet irradiation for hepatic rickets.
Arch Dis Child 1989 Apr;64(4):617–9
Koolpe HA, Dorfman D, Kramer M. Translumbar duodenostomy for enteral feeding.
AJR Am J Roentgenol 1989 Aug;153(2):299–300
Koonings PP see **Bergman A**
Koop CE see **Cendron M**
Koopman BJ see **Bijleveld CM**
Koopmans RA, Li DK, Oger JJ, Mayo J, Paty DW. The lesion of multiple sclerosis: imaging of acute and chronic stages. Neurology 1989 Jul;39(7):959–63
Kopacz DJ, Carpenter RL, Mackey DC. Effect of ropivacaine on cutaneous capillary blood flow in pigs.
Anesthesiology 1989 Jul;71(1):69–74
Kopans DB see **Bright RA**
Kopans DB see **Robertson CL**
Kopel RF, Durbin CG Jr. Pulmonary artery catheter deterioration during hydrochloric acid infusion for the treatment of metabolic alkalosis. Crit Care Med 1989 Jul; 17(7):688–9
Kopelman RI see **Hagen MD**
Kopelman RI see **Kassirer JP**
Kopstad G see **Tvedt KE**
Koran LM, Sox HC Jr, Marton KI, Moltzen S, Sox CH, Kraemer HC, Imai K, Kelsey TG, Rose TG Jr, Levin LC, et al. Medical evaluation of psychiatric patients. I. Results in a state mental health system. Arch Gen Psychiatry 1989 Aug;46(8):733–40
Körbling M see **Keilholz U**
Koren G, Beatie D, Soldin S, Einerson TR, MacLeod S. Interpretation of elevated postmortem serum concentrations of digoxin in infants and children.
Arch Pathol Lab Med 1989 Jul;113(7):758–61
Koren G see **Halperin DL**
Koren HS see **Harris DT**
Korepanov VI. Open abdomen technique in the treatment of peritonitis. Br J Surg 1989 May;76(5):471
Korevaar WC see **Nicolson SC**
Korhonen HJ see **Marti B**
Koritar E see **Kleinman I**
Korman LY, Sayadi H, Bass B, Moody TW, Harmon JW. Distribution of vasoactive intestinal polypeptide and substance P receptors in human colon and small intestine.
Dig Dis Sci 1989 Jul;34(7):1100–8
Korn M. Editor's opinions and Journal policy [letter]
N Engl J Med 1989 Aug 10;321(6):401–2
Korn M see **Apter A**
Kornstein MJ, Pietra GG, Hoxie JA, Conley ME. The pathology and treatment of interstitial pneumonitis in two infants with AIDS. Am Rev Respir Dis 1986 Jun; 133(6):1196–8
Korostash TA see **Grando SA**
Korsmeyer SJ see **Carroll WL**
Korten V see **Kaya IS**
Korthals JK, Gieron MA, Wisniewski HM. Nerve regeneration patterns after acute ischemic injury.
Neurology 1989 Jul;39(7):932–7
Korula J see **Akriviadis E**
Korula J see **Saxena S**
Koruth NM see **Jones PF**
Kosaka Y see **Takasaki M**
Koska MT. Satisfaction data: patient perception is reality. Hospitals 1989 Jul 5;63(13):40
Koska MT. Should a hospital rescue a failing group practice? Hospitals 1989 Jul 5;63(13):56, 58
Koska MT. High turnover hasn't hit medical group administrators—yet. Hospitals 1989 Jul 5;63(13):58
Koska MT. Survey reveals cost, time of PPS conversion. Hospitals 1989 Jul 5;63(13):78
Koskenvuo M see **Haapanen A**
Koski CL, Chou DK, Jungalwala FB. Anti-peripheral nerve myelin antibodies in Guillain-Barre syndrome bind a neutral glycolipid of peripheral myelin and cross-react with Forssman antigen. J Clin Invest 1989 Jul;84(1):280–7
Koskiniemi M see **Blokziji ML**
Koslin DB see **Williams MP**
Kosofsky BE see **Kuhn MJ**
Kosowsky BD see **Rosenfield K**
Koss LG, Wersto RP, Simmons DA, Deitch D, Herz F, Freed SZ. Predictive value of DNA measurements in bladder washings. Comparison of flow cytometry, image cytophotometry, and cytology in patients with a past history of urothelial tumors. Cancer 1989 Aug 15; 64(4):916–24
Kosten TA, Kosten TR. Cocaine abuse and opioid withdrawal [letter] Lancet 1989 Jul 15;2(8655):165–6
Kosten TR. Pharmacotherapeutic interventions for cocaine abuse. Matching patients to treatments.
J Nerv Ment Dis 1989 Jul;177(7):379–89 (73 ref.)
Kosten TR see **Kosten TA**
Koster JF see **van der Kraaij AM**
Kostis JB see **Shapiro W**
Kostromin AP see **Grando SA**
Kostuik JP, Carl A, Ferron S. Anterior Zielke instrumentation for spinal deformity in adults.
J Bone Joint Surg [Am] 1989 Jul;71(6):898–912
Kostyo JL see **Chipkin SR**
Kosugi S, Mori T, Imura H. Mechanisms by which low salt condition increases sensitivity of thyroid stimulating antibody assay. Endocrinology 1989 Jul;125(1):410–7
Koszyca B, Fazzalari NL, Vernon-Roberts B. Trabecular microfractures. Nature and distribution in the proximal femur. Clin Orthop 1989 Jul;(244):208–16
Kotlewski A see **Bhandari AK**
Kotloff KL, Losonsky GA, Morris JG Jr, Wasserman SS, Singh-Naz N, Levine MM. Enteric adenovirus infection and childhood diarrhea: an epidemiologic study in three clinical settings. Pediatrics 1989 Aug;84(2):219–25
Kotlove DJ see **Sagerman RH**
Kotrly KJ see **Roerig DL**
Kottou S see **Brunken RC**
Kotval PS, Barakat K. Doppler and M-mode sonography of mobile carotid plaque [letter] AJR Am J Roentgenol 1989 Aug;153(2):433–4

Koulu M see **Kallio A**
Koumans RK see **Puylaert JB**
Koupal LR see **Pettibone DJ**
Kovacs JA see **Masur H**
Kovacs JA see **Suffredini AF**
Kovanen PT see **Kakhi AI**
Kover K, Moore WV. Development of a method for isolation of islets from human fetal pancreas. Diabetes 1989 Jul; 38(7):917–24
Kowalchuk G see **Ginsberg JS**
Kowalczyk D see **Silver MA**
Kowalski H see **Seidenwurm D**
Kowalski ML, Didier A, Kaliner MA. Neurogenic inflammation in the airways. I. Neurogenic stimulation induces plasma protein extravasation into the rat airway lumen. Am Rev Respir Dis 1989 Jul;140(1):101–9
Kowey PR see **Luketich J**
Koyama K, Kato S, Tanaka J, Asanuma Y, Sato Y. Targeting chemotherapy for intrahepatic periductal lymphatic invasion by mitomycin C adsorbed to activated charcoal in hepatic hilar bile duct cancer. Am J Surg 1989 Jul; 158(1):8–13
Koyle MA see **Ehrlich RM**
Koyle MA see **Sun CH**
Koziol J see **Angell WW**
Kozlovskis P see **Kessler KM**
Kozuka T see **Kashiwagi T**
Krache M see **Greene MF**
Krackow K see **Bathon JM**
Krackow KA see **Wolff AM**
Kraemer HC see **Koran LM**
Kraft JC, Nau H, Lammer E, Olney A. Embryonic retinoid concentrations after maternal intake of isotretinoin [letter] N Engl J Med 1989 Jul 27;321(4):262
Krailo M see **Gill PS**
Krainick JU see **Lang E**
Krajcer Z see **Leschman DR**
Krakowski MI, Czovit A, Jaeger J, Lin S, Volavka J. Neurological impairment in violent schizophrenic inpatients. Am J Psychiatry 1989 Jul;146(7):849–53
Kral JG see **Abramson DL**
Kram HB, Appel PL, Shoemaker WC. Prediction of below-knee amputation wound healing using noninvasive laser Doppler velocimetry. Am J Surg 1989 Jul; 158(1):29–31
Kram HB see **Shoemaker WC**
Kramer JR see **Richards-Kortum R**
Kramer M see **Koolpe HA**
Kramer MR, Vandijk J, Rosin AJ. Mortality in elderly patients with thermoregulatory failure. Arch Intern Med 1989 Jul;149(7):1521–3
Kramer MS, Lane DA, Mills EL. Should blood cultures be obtained in the evaluation of young febrile children without evident focus of bacterial infection? A decision analysis of diagnostic management strategies. Pediatrics 1989 Jul; 84(1):18–27
Kramer N see **Conti JA**
Kramer SA see **Strawbridge LR**
Krammer PH see **Falk W**
Krane EJ, Tyler DC, Jacobson LE. The dose response of caudal morphine in children. Anesthesiology 1989 Jul; 71(1):48–52
Krane EJ, Su JY. Comparison of the effects of halothane on skinned myocardial fibers from newborn and adult rabbit: II. Effects on sarcoplasmic reticulum. Anesthesiology 1989 Jul;71(1):103–9
Krantz DS see **LaVeau PJ**
Krarup C see **Bauer SB**
Kraus MB see **Harness BZ**
Krause JE see **Sternini C**
Krauss S see **Depue RA**
Kraybill EN, Runyan DK, Bose CL, Khan JH. Risk factors for chronic lung disease in infants with birth weights of 751 to 1000 grams. J Pediatr 1989 Jul;115(1):115–20
Kream BE see **Harrison JR**
Krebs B see **Soustre E**
Kreger BE, Restuccia JD. Assessing the need to hospitalize children: pediatric appropriateness evaluation protocol. Pediatrics 1989 Aug;84(2):242–7
Kreiger J see **Justement LB**
Kremer JM see **Brasile L**
Kremer R see **Marchandise B**
Kremers P see **VanderMolen LA**
Krenzel C see **Epstein DH**
Kressel HY see **Mitchell DG**
Kressel HY see **Schiebler ML**
Kressel HY see **Schnall MD**
Kressel HY see **Zlatkin MB**
Kretzschmar U see **Hölting T**
Kreuzer FJ see **Beerthuizen GI**
Kricheff II see **Seidenwurm D**
Krieg AF, Wagner CH, Bongiovanni MB. Dot diagrams as source documents for evaluations of test performance. Arch Pathol Lab Med 1989 Jul;113(7):746–9
Krieger B, Blinder L, Inchausti BC. Clinical utility of bronchoalveolar lavage in a general hospital. Arch Intern Med 1989 Jul;149(7):1605–7
Krigel RL. Kaposi sarcoma and alpha-interferon therapy [letter] Ann Intern Med 1989 Jul 15;111(2):185–7
Kripke ML see **Alcalay J**
Krishan I see **Gracey DR**
Krishnan AV see **Bruns DE**
Kristoffersson U see **Lundgren R**
Kroll SS, Hamilton S. Multiple and repetitive uses of the extended hamstring V-Y myocutaneous flap. Plast Reconstr Surg 1989 Aug;84(2):296–302
Krom RA. Organ donation—are we moving in the right direction? Mayo Clin Proc 1989 Jun;64(6):705–7
Kron IL. A simple technique to accurately determine intra-abdominal pressure [letter] Crit Care Med 1989 Jul; 17(7):714–5
Krone RJ, Dwyer EM Jr, Greenberg H, Miller JP, Gillespie JA. Risk stratification in patients with first non-Q wave infarction: limited value of the early low level exercise test after uncomplicated infarcts. The Multicenter Post-Infarction Research Group. J Am Coll Cardiol 1989 Jul;14(1):31–7; discussion 38–9
Krongrad E see **Starc TJ**
Krönke M see **Müller-Quernheim J**
Kronz KK see **Golden MP**
Kronzon I see **Tunick PA**
Kroon BB see **Klaase JM**
Kroovand RL see **Assimos DG**
Krothapalli RK see **Ayus JC**
Krozowski ZS, Rundle SE, Wallace C, Castell MJ, Shen JH, Dowling J, Funder JW, Smith AI. Immunolocalization of renal mineralocorticoid receptors with an antiserum against a peptide deduced from the complementary deoxyribonucleic acid sequence. Endocrinology 1989 Jul; 125(1):192–8
Krüger HU see **Ehninger G**
Krukowski ZH see **Jones PF**
Krusch DA, Brown KB, Cornett G, Freedlender AE, Kaiser DL, Hanks JB. Insulin-dependent and insulin-independent effects after surgical alterations of the pancreas. Surgery 1989 Jul;106(1):60–8
Kruss DM see **Reza FM**
Krutmann J see **Luger TA**
Ksander BR, Streilein JW. Recovery of activated cytotoxic T cells from minor H incompatible tumor graft rejection sites. J Immunol 1989 Jul 15;143(2):426–31
Ksiazek J see **Barton RW**
Kubesh D see **Forsyth D**
Kubos KL see **Pearlson GD**
Kubota H see **Kubota Y**
Kubota I, Hanashima K, Ikeda K, Tsuiki K, Yasui S. Detection of diseased coronary artery by exercise ST-T maps in patients with effort angina pectoris, single-vessel disease, and normal ST-T wave on electrocardiogram at rest. Circulation 1989 Jul;80(1):120–7
Kubota Y, Toyoda Y, Kubota H. On the date of the first use of ether in surgery [letter] N Engl J Med 1989 Jul 27;321(4):265–6
Kuchar DL, Garan H, Venditti FJ, Finkelstein D, Rottman JN, McComb J, McGovern BA, Ruskin JN. Usefulness of sotalol in suppressing ventricular tachycardia or ventricular fibrillation in patients with healed myocardial infarcts. Am J Cardiol 1989 Jul 1;64(1):33–6
Kuchera WA. Osteopathic manipulation: purposes and protocols [letter] Hosp Pract [Off] 1989 Jul 15;24(7):17, 20
Kuchroo V see **Ishikura H**
Kucich U see **Gustafson EJ**
Kuhn MJ, Mikulis DJ, Ayoub DM, Kosofsky BE, Davis KR, Taveras JM. Wallerian degeneration after cerebral infarction: evaluation with sequential MR imaging. Radiology 1989 Jul;172(1):179–82
Kuhns L see **Tolia V**
Kuiper H see **Blasuw AA**
Kuipers F see **Bijleveld CM**
Kulig K see **Riggs BS**
Kulkarni S see **Banerjee K**
Kumar A see **Organ BC**
Kumar KL see **Smith DL**
Kumar SA see **Dickerman HW**
Kumar VN, Mullican CN. Ovarian cyst and autonomic dysreflexia. Arch Phys Med Rehabil 1989 Jul;70(7):547–8
Kumar VP, Satku K, Balasubramaniam P. The role of the long head of biceps brachii in the stabilization of the head of the humerus. Clin Orthop 1989 Jul;(244):172–5
Kumazawa J see **Matsumoto T**
Kumkumian GK, Lafyatis R, Remmers EF, Case JP, Kim SJ, Wilder RL. Platelet-derived growth factor and IL-1 interactions in rheumatoid arthritis. Regulation of synoviocyte proliferation, prostaglandin production, and collagenase transcription. J Immunol 1989 Aug 1; 143(3):833–7
Kundu SK, Salley SO, Whittlesey GC, Klein MD. Extracorporeal membrane oxygenation without anticoagulation: a study using quantitative scanning electron microscopy. J Lab Clin Med 1989 Jul;114(1):58–62
Kunkel JM, Machleder HI. Spontaneous subclavain vein thrombosis: a successful combined approach of local thrombolytic therapy followed by first rib resection [letter] Surgery 1989 Jul;106(1):114
Kunkel RG see **Kennedy TP**
Kunze M. Role of the physician as opinion leader in tobacco control. Chest 1989 Jul;96(1 Suppl):13S–14S
Kuo CC see **Paavonen J**
Kupersmith MJ, Newall J, Ransohoff J. Optic nerve sheath meningioma [letter] J Neurosurg 1989 Aug;71(2):305
Kupper TS see **Mizutani H**
Kuppner MC, Hamou MF, Sawamura Y, Bodmer S, de Tribolet N. Inhibition of lymphocyte function by glioblastoma-derived transforming growth factor beta 2. J Neurosurg 1989 Aug;71(2):211–7
Kuramoto A see **Imamura N**
Kuramoto S, Oohara T. Flat early cancers of the large intestine. Cancer 1989 Aug 15;64(4):950–5
Kuramoto S see **Anegawa S**
Kuribayashi K see **Mori Y**
Kurisu K see **Hishikawa Y**
Kuriyama M see **Hayakawa K**
Kuroha M see **Isoyama S**
Kurtz MB see **Bond WS**
Kuruvilla AM see **Ryoo MC**
Kusano E see **Shier DN**
Kushima K see **Ohno K**
Kusunoki M, Tanaka T, Sakanoue Y, Yamamura T, Utsunomiya J. Salmonella infection after ileoanal anastomosis [letter] Lancet 1989 Jul 8;2(8654):113
Kutas M see **Gazzaniga MS**
Kuttner BJ, Kaplan DL, Rothstein MS. Eruptive pruritic papules. Eruptive syringomas (eruptive hidradenomas of Jacquet and Darier). Arch Dermatol 1989 Jul;125(7):985, 988
Kvam DC see **Holtzman JL**
Kvello-Stenstrom AG see **Ogilvie S**
Kwasman A. Management of attention deficit [letter] Clin Pediatr (Phila) 1989 Jul;28(7):336
Kwok P see **Tocci MJ**
Kwong PC see **Cairns E**
Kyle RA, Shampo MA. Nicolas-Louis Vauquelin—discoverer of chromium. Mayo Clin Proc 1989 Jun;64(6):643
Kyodo Y, Inatomi K, Abe T. Sarcoma associated with pregnancy. Am J Obstet Gynecol 1989 Jul;161(1):94–6
Kyoizumi S see **Kohno N**
Kyoku I see **Yokota M**
Kytta J see **Heavner JE**

L

La Penna G see **Chiarelli F**
La Vecchia C see **Sideri M**
Laage TA see **Arsnow AB**
Labarthe DR see **Crane MM**
L'Abbate A see **Picano E**
Labbate LA, Holzgang AJ. Manic syndrome after discontinuation of methyldopa [letter] Am J Psychiatry 1989 Aug;146(8):1075–6
Labeta MO, Fernandez N, Reyes A, Ferrara P, Marelli O, Le Roy E, Houlihan J, Festenstein H. Biochemical analysis of a novel H-2 class I-like glycoprotein expressed in five AKR-(Gross virus) derived spontaneous T cell leukemias. J Immunol 1989 Aug 15;143(4):1245–53
Labosky DA see **Riggs JE**
Labovitz A see **Kern MJ**
Labrie C see **Poulin R**
Labrie F see **Poulin R**
Labrune P, Myara A, Huguet P, Trivin F, Odievre M. Jaundice with hypertrophic pyloric stenosis: a possible early manifestation of Gilbert syndrome. J Pediatr 1989 Jul;115(1):93–5
Lacaine F see **Houry S**
Lach B see **Nair BD**
Lach RD see **Nichols L**
Lachant NA see **Zerez CR**
Lachmann PJ see **Poznansky MC**
Lacouture PG see **Lewander WJ**
Ladd-Hudson K see **Fisher MM**
Laerum OD see **Bjerknes R**
LaFace DM, Peck AB. Reciprocal allogeneic bone marrow transplantation between NOD mice and diabetes-nonsusceptible mice associated with transfer and prevention of autoimmune diabetes. Diabetes 1989 Jul; 38(7):894–901
Lafox E see **Monreal M**
Lafyatis R, Thompson NL, Remmers EF, Flanders KC, Roche NS, Kim SJ, Case JP, Sporn MB, Roberts AB, Wilder RL. Transforming growth factor-beta production by synovial tissues from rheumatoid patients and streptococcal cell wall arthritic rats. Studies on secretion by synovial fibroblast-like cells and immunohistologic localization. J Immunol 1989 Aug 15;143(4):1142–8
Lafyatis R see **Kumkumian GK**
Lagace L see **Poulin R**
Lage JM see **Rice LW**
Lagerstrom CF, Reed RL 2d, Rowlands BJ, Fischer RP. Early fasciotomy for acute clinically evident posttraumatic compartment syndrome. Am J Surg 1989 Jul;158(1):36–9
Lagneau P see **Vuong PN**
Lagrange M see **Viens P**
Lahad A see **Fisch RZ**
Lahar CJ see **Wingfield A**
Lahnstein J see **Willadsen P**
Lai EC, Wu KM, Choi TK, Fan ST, Wong J. Spontaneous ruptured hepatocellular carcinoma. An appraisal of surgical treatment. Ann Surg 1989 Jul;210(1):24–8
Laine RO, Esser AF. Identification of the discontinuous epitope in human complement protein C9 recognized by anti-melittin antibodies. J Immunol 1989 Jul 15; 143(2):553–7
Laine ST see **Vuorinen PI**
Lairmore MD see **Kaplan JE**
Lakin MM see **Smith AS**
Lakshmi V see **Phillips DM**

Lallemand D see Gudinchet F
Lalmalani GG see D'Cruz IA
LaLonde C see Demling RH
Lamarre A see Perrault H
Lamb HR. Improving our public mental health systems. Arch Gen Psychiatry 1989 Aug;46(8):743–4
Lambert HH. Correction on home pregnancy testing [letter] N Engl J Med 1989 Jul 20;321(3):193
Lambert LE, Unanue ER. Analysis of the interaction of peptide hen egg white lysozyme (34–45) with the I-Ak molecule. J Immunol 1989 Aug 1;143(3):802–7
Lambert M see Posel D
Lambert PH see Abdelmoula M
Lambert R see Ponchon T
Lambert-Gardini S see Baldini P
Lamberti JJ see Angell WW
Lamm ME see Liang XP
Lamm RD. Critical decisions in medical care: birth to death. South Med J 1989 Jul;82(7):822–4
Lammer E see Kraft JC
Lamont A see Sette A
Lamontagne AE Jr. 2,8-Dihydroxyadenine urolithiasis: report of a case in a woman in the United States. J Urol 1989 Aug;142(2):369–70
Lampasso JA see Wenz B
Lampert BA. Multiple nerve palsies after anesthesia—a complication of nitrous oxide use? [letter] Anesth Analg 1989 Jul;69(1):1002–3
Lancashire MJ, Williams BW, Torrie EP, Galland RB. Acute lower limb ischemia [letter] Br J Surg 1989 May;76(5):526
Lancaster CJ see Rambo WM
Lande RG. The dangerous patient. J Fam Pract 1989 Jul; 29(1):74–8
Landefeld TD, Ebling FJ, Suttie JM, Vannerson LA, Padmanabhan V, Beitins IZ, Foster DL. Metabolic interfaces between growth and reproduction. II. Characterization of changes in messenger ribonucleic acid concentrations of gonadotropin subunits, growth hormone, and prolactin in nutritionally growth-limited lambs and the differential effects of increased nutrition. Endocrinology 1989 Jul;125(1):351–6
Landers DF, Becker GL, Wong KC. Calcium, calmodulin, and anesthesiology. Anesth Analg 1989 Jul;69(1):966–78 (98 ref.)
Landgraf H see Vallbracht C
Landing BH see Stanley P
Landman E see Oh MS
Landreneau MD see Benzel EC
Landreneau RJ, Horton JW, McClelland RN. Mesenteric venous hypertension: importance after portal systemic shunting? Surgery 1989 Jul;106(1):11–20
Landrigan PJ see Marino PE
Landrigan PJ see Wolff MS
Landsman I see Harviel JD
Landsverk J see Dolgin MJ
Lane DA see Kramer MS
Lane JM see Healey JH
Lane RD, Zeitlin SB, Abrams R, Swartz CM. Differential effects of right unilateral and bilateral ECT on heart rate. Am J Psychiatry 1989 Aug;146(8):1041–3
Lane RJ see Hughes PJ
Lane RS see Damrow T
Lang E, Krainick JU, Gerbershagen HU. Spinal cord transmission of impulses during high spinal anesthesia as measured by cortical evoked potentials. Anesth Analg 1989 Jul;69(1):881–6
Lang NP see Barnes RW
Lang P, Jergesen HE, Genant HK, Moseley ME, Schulte-Mönting J. Magnetic resonance imaging of the ischemic femoral head in pigs. Dependency of signal intensities and relaxation times on elapsed time. Clin Orthop 1989 Jul;(244):272–80
Lang PR see Chopin DK
Lang SA, Duncan PG, Dupuis PR. Fatal air embolism in an adolescent with Duchenne muscular dystrophy during Harrington instrumentation. Anesth Analg 1989 Jul; 69(1):998–1000
Langdon JD see Glasser DB
Langdon LO see Norcini JJ
Lange LG see Laposata EA
Lange MP, Thebo LM, Tiede SM, McCarthy B, Dahn MS, Jacobs LA. Management of multiple enterocutaneous fistulas. Heart Lung 1989 Jul;18(4):386–90 (13 ref.)
Lange RA, Hillis LD. Short- and long-term complications of coronary angioplasty [clinical conference] Chest 1989 Jul;96(1):151–7 (30 ref.)
Lange RA see Cigarroa RG
Langer H see Ell C
Langer JC see Verrier ED
Langer LM see Fordyce-Baum MK
Langer O see Guidetti DA
Langer R, Neuman M, Ron-el R, Golan A, Bukovsky I, Caspi E. The effect of total abdominal hysterectomy on bladder function in asymptomatic women. Obstet Gynecol 1989 Aug;74(2):205–7
Langer R see Ron-El R
Langer RS see Howard MA 3d
Langevin RE Jr see Rosenfield K
Langkamp D. Assessment of neurodevelopmental outcome in surfactant-replacement therapy [letter] Am J Dis Child 1989 Jul;143(7):762–3
Langkilde NC, Wolf H, Orntoft TF. Binding of wheat and peanut lectins to human transitional cell carcinomas. Correlation with histopathologic grade, invasion, and DNA ploidy. Cancer 1989 Aug 15;64(4):849–53
Langworthy A see Grambsch PM
Lanham B see Stone KS
Lanier LL see Testi R
Lanier WL, Iaizzo PA, Milde JH. Cerebral function and muscle afferent activity following intravenous succinylcholine in dogs anesthetized with halothane: the effects of pretreatment with a defasciculating dose of pancuronium. Anesthesiology 1989 Jul;71(1):87–95
Lanska DJ, Lanska MJ. Treatable causes of meningomyeloradiculitis in individuals infected with human immunodeficiency virus [letter] Arch Neurol 1989 Jul;46(7):722–3
Lanska MJ see Lanska DJ
Lantos JD, Singer PA, Walker RM, Gramelspacher GP, Shapiro GR, Sanchez-Gonzalez MA, Stocking CB, Miles SH, Siegler M. The illusion of futility in clinical practice. Am J Med 1989 Jul;87(1):81–4
Lantz DA, Dougherty TH, Lucca MJ. Primary angiosarcoma of the heart causing cardiac rupture. Am Heart J 1989 Jul; 118(1):186–8
Lanzieri CF see Smith AS
Laperriere J see Vezina JL
Laposata EA, Scherrer DE, Lange LG. Fatty acid ethyl esters in adipose tissue. A laboratory marker for alcohol-related death. Arch Pathol Lab Med 1989 Jul;113(7):762–6
Lappa K. Inpatient bedside system enters the computer age. Hospitals 1989 Jul 5;63(13):76
Lappa K. Hospital executive works 'triple time' for staff. Hospitals 1989 Jul 5;63(13):54
Lappa K. How to avoid strikes in a unionized hospital. Hospitals 1989 Jul 5;63(13):48–9
LaQuaglia MP, Ghavimi F, Heller G, Herr H, Mandell LR, Corbally M, Hajdu S, Exelby P. Mortality in pediatric paratesticular rhabdomyosarcoma: a multivariate analysis. J Urol 1989 Aug;142(2 Pt 2):473–8; discussion 489
Laramore G see Austin-Seymour M
Larheim TA, Bjørnland T. Arthrographic findings in the temporomandibular joint in patients with rheumatic disease. J Oral Maxillofac Surg 1989 Aug;47(8):780–4
Larijani GE see Bartkowski RR
Larijani GE see Goldberg ME
Larkin H. Financial woes force L.A. hospitals to merge. Hospitals 1989 Jul 5;63(13):28, 30, 32
Larkin H. Investing locally may lower profits. Hospitals 1989 Jul 5;63(13):32–3
Larkin LH see Ogilvie S
Larrick J see Pratt LF
Larsen RA, Bozzette S, McCutchan JA, Chiu J, Leal MA, Richman DD. Persistent Cryptococcus neoformans infection of the prostate after successful treatment of meningitis. California Collaborative Treatment Group. Ann Intern Med 1989 Jul 15;111(2):125–8
Larson CP Jr see Saidman LJ
Larson DB see Kelleher KJ
Larson DB see McCartney CF
Larson EB see Bowen JD
Larvin M, McMahon MJ. APACHE-II score for assessment and monitoring of acute pancreatitis. Lancet 1989 Jul 22; 2(8656):201–5
Larvin M, Chalmers AG, Robinson PJ, McMahon MJ. Debridement and closed cavity irrigation for the treatment of pancreatic necrosis. Br J Surg 1989 May;76(5):465–71
Lash H see Apfelberg DB
Lash JM, Sherman WM, Hamlin RL. Capillary basement membrane thickness and capillary density in sedentary and trained obese Zucker rats. Diabetes 1989 Jul;38(7):854–60
Lashner BA, Heidenreich PA, Su GL, Kane SV, Hanauer SB. Effect of folate supplementation on the incidence of dysplasia and cancer in chronic ulcerative colitis. A case-control study. Gastroenterology 1989 Aug; 97(2):255–9
Laskin CR see Silver LB
Laskin DM. The tower of Babel [editorial] J Oral Maxillofac Surg 1989 Aug;47(8):779
Lastarria E, Choudhury M, Eshghi M, Addonizio JC. Pseudodiverticulum of the bladder: an unusual complication of pelvic trauma. J Urol 1989 Aug;142(2):372–3
Latare PA, Setness PA. Using erythromycin. Some helpful observations. Postgrad Med 1989 Jul;86(1):55–9, 63 (11 ref.)
Latorre G, Muñoz A. Acellular cerebrospinal fluid with elevated protein level in patients with intermittent acute porphyria [letter] Arch Intern Med 1989 Jul;149(7):1695
Lattanzi F see Picano E
Lau WH see Sham JS
Laub G see Edelman RR
Laucella S see Ballare C
Laudenslager J see Litvack F
Laudenslager JS see Litvack F
Laudignon N see Chemtob S
Laughlin EH. Metastasizing ameloblastoma. Cancer 1989 Aug 1;64(3):776–80 (8 ref.)
Laugier A see Houry S
Laulis MK see Fischer AC
Launois B see Chasseray VM
Laurberg P see Vestergaard H
Laurent R, Robinson RG, Beller EM, Buchanan WW. Incidence and severity of rheumatoid arthritis—the view from Australia [letter] Br J Rheumatol 1989 Aug; 28(4):360–1
Lauretano L see Hunter JG
Laurino L see Melato M
Lauterbur PC. Image formation by induced local interactions. Examples employing nuclear magnetic resonance. 1973 [classical article] Clin Orthop 1989 Jul;(244):3–6
(Lauterbur PC), Lauterbur PC. Image formation by induced local interactions. Examples employing nuclear magnetic resonance. 1973 [classical article] Clin Orthop 1989 Jul; (244):3–6
Lava NS see Stransky M
LaVeau PJ, Rozanski A, Krantz DS, Cornell CE, Cattanach L, Zaret BL, Wackers FJ. Transient left ventricular dysfunction during provocative mental stress in patients with coronary artery disease. Am Heart J 1989 Jul; 118(1):1–8
Lavender JP see Peters AM
Lavender RC see Golden WE
Lavigneur A see Ng KH
Lavine SJ, Campbell CA, Held AC, Johnson V. Effect of nitroglycerin-induced reduction of left ventricular filling pressure on diastolic filling in acute dilated heart failure. J Am Coll Cardiol 1989 Jul;14(1):233–41
Lavine SJ, Arends D. Importance of the left ventricular filling pressure on diastolic filling in idiopathic dilated cardiomyopathy. Am J Cardiol 1989 Jul 1;64(1):61–5
Lavoie KH see Kincaid CB
LaVoie M see Berg CJ
Law J, Kirkpatrick AE. Films, screens and cassettes for mammography [letter] Br J Radiol 1989 Jun;62(738):565
Lawin P see Brüssel T
Lawless S, Orr R. Axillary arterial monitoring of pediatric patients. Pediatrics 1989 Aug;84(2):273–5
Lawrence JC Jr, Colvin J, Cartee GD, Holloszy JO. Effects of aging and exercise on insulin action in rat adipocytes are correlated with changes in fat cell volume. J Gerontol 1989 Jul;44(4):B88–92
Lawrence WD see O'Connor BM
Laxer JA see Firestein GS
Laxer RM see Pauls JD
Lazaro RP see Stransky M
Lazarus AA see Coots LE
Lazarus G see Sold MJ
Lazizi Y, Grangeot-Keros L, Pillot J. Reactivation of hepatitis B [letter] Lancet 1989 Jul 15;2(8655):172
Le T, Ferrara JJ. A method of stapled skin closure by one surgeon. Surg Gynecol Obstet 1989 Jul;169(1):67
Le Chevalier T, Arriagada R. Report on the IASLC Le Havre Workshop on combined modality treatment in small cell lung cancer. Chest 1989 Jul;96(1 Suppl):73S–74S
Le Chevalier T see Arriagada R
Le Roy E see Labeta MO
Leachman DR, Avedissian MG, Krajcer Z, Angelini P. Transluminal laser angioplasty of the femoropopliteal circulation by use of a percutaneous popliteal approach. Am J Cardiol 1989 Jul 1;64(1):106–8
Leake B see Linn LS
Leal MA see Larsen RA
Leaning J see Cassel CK
Lear JL, Feyerabend A, Gregory C. Two-compartment, two-sample technique for accurate estimation of effective renal plasma flow: theoretical development and comparison with other methods. Radiology 1989 Aug;172(2):431–6
Leban SG see Falender LG
Lebeau G see Sher L
LeBlond RF. Options to control the health care costs of the elderly [letter] JAMA 1989 Aug 11;262(6):774–5
Lebow LT see Katz JD
Lebowitz MD see Cerveri I
Lebowitz RL see Peters CA
Lebowitz RL see Zerin JM
Lecarpentier Y see Riou B
Lederman S, Gulick R, Chess L. Dextran sulfate and heparin interact with CD4 molecules to inhibit the binding of coat protein (gp120) of HIV. J Immunol 1989 Aug 15; 143(4):1149–54
Lee A see Prentky RA
Lee AK see Silverman ML
Lee BL see Osterloh JD
Lee CA see Webster A
Lee CC see Koo SI
Lee CH, Lee CJ. Thrombocytopenia—a rare but potentially serious side effect of initial daily and interrupted use of rifampicin. Chest 1989 Jul;96(1):202–3
Lee CJ see Lee CH
Lee CS see Tomé FM
Lee DB see Sun CH
Lee JK see Engels JT
Lee JK see Yao L
Lee JY. Cytomegalovirus infection involving the skin in immunocompromised hosts. A clinicopathologic study. Am J Clin Pathol 1989 Jul;92(1):96–100 (29 ref.)
Lee KR, Templeton AW, Cox GG, Dwyer SJ 3d, McClure CB. Digital venography of the lower extremity. AJR Am J Roentgenol 1989 Aug;153(2):413–7
Lee KY see Sabates NR
Lee MI see Archie CL
Lee MY, Kirk PM, Yarkony GM. Rehabilitation of quadriplegic patients with phrenic nerve pacers. Arch Phys Med Rehabil 1989 Jul;70(7):549–52
Lee PC see Fink MP
Lee PH see Diamond DA

Lee RB, Morris JA Jr, Parker RS. Presence of three or more rib fractures as an indicator of need for interhospital transfer. J Trauma 1989 Jun;29(6):795–9; discussion 799–800
Lee SF see Pepose JS
Lee ST. Intracranial pressure changes during positioning of patients with severe head injury. Heart Lung 1989 Jul; 18(4):411–4
Lee TH see Arm JP
Lee YY see Blacklock JB
Lee YY see Van Tassel P
Lee-Foon W see Mazloomdoost M
Leech JA. Cancer cluster investigation: toward a more rational approach [editorial] Can Med Assoc J 1989 Jul 15;141(2):105–6
Leeds MP see Cohen SN
Lees AJ see Gibb WR
Lees DE see Abraham ZA
Lees NW see Gillies GW
Lees PS see Becker DM
Lees RS see Miller A
Leese T see Holliday MP
Lefcoe D see Conlon P
Lefcoe NM see Chen Y
Lefebvre A see Lehoux JG
LeFever FF. Hemispatial neglect [letter] Neurology 1989 Jul; 39(7):1006
Leff PT. A piece of my mind. So much more to say. JAMA 1989 Jul 21;262(3):402
Leff RL see Plotz PH
Legon S see Jones PM
Legros G see Debongnie JC
Lehmann K see Gianrossi R
Lehmann M see Hasenfuss G
Lehmann MH see Kalbfleisch KR
Lehoux JG, Lefebvre A, De Médicis E, Bélisle S, Bellabarba D. The enhancing effect of adrenocorticotropin on adrenal 3-hydroxy-3-methylglutaryl coenzyme A reductase messenger ribonucleic acid level is inhibited by aminoglutethimide but not by cycloheximide. Endocrinology 1989 Jul;125(1):158–64
Lehtola A see Ranta-Knuuttila T
Lehtola J see Niemelä S
Lei HY, Huang KJ, Shen CL, Huang JL. An antigen-specific hypersensitivity which does not fit into traditional classification of hypersensitivity. J Immunol 1989 Jul 15; 143(2):432–8
Leiberman DP see Goldberg JA
Leiberman JR, Mazor M, Cohen A. Detection of fetal blood [letter] Am J Obstet Gynecol 1989 Jul;161(1):257–8
Leider H, Zigelman R, Burg F. Using an organizational development strategy to improve residency training. Acad Med 1989 Jul;64(7):415–6
Leigh RJ see Weissman BM
Leigh TR, Parsons P, Hume C, Husain OA, Gazzard B, Collins JV. Sputum induction for diagnosis of Pneumocystis carinii pneumonia. Lancet 1989 Jul 22;2(8656):205–6
Leight GS see Baker ME
Leighton BL, DeSimone CA, Norris MC, Ben-David B. Intrathecal narcotics for labor revisited: the combination of fentanyl and morphine intrathecally provides rapid onset of profound, prolonged analgesia. Anesth Analg 1989 Jul; 69(1):988–91
Leikin S. A proposal concerning decisions to forgo life-sustaining treatment for young people. J Pediatr 1989 Jul;115(1):17–22
Lein DH Jr, Clelland JA, Knowles CJ, Jackson JR. Comparison of effects of transcutaneous electrical nerve stimulation of auricular, somatic, and the combination of auricular and somatic acupuncture points on experimental pain threshold. Phys Ther 1989 Aug;69(8):671–8
Leinikki P see Karhunen PJ
Leinonen L see Heavner JE
Leiper AD see Carter EP
Leisen JC see Katz ME
Leishman D, Ancill R, Macewan W. Sleep disturbance in cognitively impaired elderly person [letter] Am J Psychiatry 1989 Aug;146(8):1078–9
Leist TP, Kohler M, Eppler M, Zinkernagel RM. Effects of treatment with IL-2 receptor specific monoclonal antibody in mice. Inhibition of cytotoxic T cell responses but not of T help. J Immunol 1989 Jul 15;143(2):628–32
Leiter LA see Hrboticky N
Leithiser RE Jr see Glasier CM
Leizer T, Hamilton JA. Plasminogen activator and prostaglandin E2 levels in human synovial fibroblasts. Differential stimulation by synovial activator and other cytokines. J Immunol 1989 Aug 1;143(3):971–8
Lellouche D see Castaigne AD
Lemaigre G see Bedossa P
LeMaitre GD. In-situ saphenous vein bypass grafts [letter] Ann Surg 1989 Jul;210(1):125–6
LeMay M see McCarley RW
Lemberg L see Valle BK
Lemery R, Brugada P, Wellens HJ. Manifest and concealed accessory pathways: behavior after catheter ablation of the atrioventricular conducting system. Am Heart J 1989 Jul; 118(1):188–91
Lemery R, Brugada P, Janssen J, Cheriex E, Dugernier T, Wellens HJ. Nonischemic sustained ventricular tachycardia: clinical outcome in 12 patients with arrhythmogenic right ventricular dysplasia. J Am Coll Cardiol 1989 Jul;14(1):96–105
Lemke S, Moos RH. Personal and environmental determinants of activity involvement among elderly residents of congregate facilities. J Gerontol 1989 Jul; 44(4):S139–48
Lemole GM see DelRossi AJ
Lenke RR. Data sought to link adverse pregnancy outcome with maternal serum alpha-fetoprotein levels in black gravid women [letter] Am J Obstet Gynecol 1989 Jul; 161(1):254–5
Lenkinski RE see Schnall MD
Lenkinski RE see Zlatkin MB
Lenney W see Barry W
Lennon RL see Warner MA
Lenoir S see Brauner MW
Leon A see Depue RA
Leonard J see DeWood MA
Leonard MS see Dodson TB
Leonard MT see Whitlock ME
Leonhardt U see Jones PM
Leotsinidis M see Kondakis XG
Lepine JP see Chignon JM
Lepor H see Gup DI
Lerman BB see Hays LJ
Lerner AM see Hurvitz EA
Lerner PI see Salata RA
Lernmark A see Atar D
LeRoith D see Hernandez ER
LeRoith D see Werner H
LeRoux PD see Newell DW
Leroy EC, Smith EA, Kahaleh MB, Trojanowska M, Silver RM. A strategy for determining the pathogenesis of systemic sclerosis. Is transforming growth factor beta the answer? Arthritis Rheum 1989 Jul;32(7):817–25 (66 ref.)
Lesher L see Hartge P
Leske MC see Chylack LT Jr
Leslie M see Retsas S
Lespargot A see Tardieu C
Lesser IM see Lin KM
Lesser J see Halbreich U
Lesser KB see Timor-Tritsch IE
Lesser M see Yoo OH
Lesser ML see Fatica NS
Lesser ML see Ichida F
Lesser RS see Gottridge JA
Lester EP see Weir AB 3d
Lett S see Meyers AR
Letvin NL see Tsubota H
Letz G see Kahn E
Leung AK, Fagan JE. Tic disorders in childhood (and beyond). Postgrad Med 1989 Jul;86(1):251–2, 257–61 (29 ref.)
Leung AK, McArthur RG. Hypothyroidism with thyroxine-binding globulin excess [letter] Pediatrics 1989 Jul;84(1):197
Leung FW see Thiefin G
Leung JM, O'Kelly B, Browner WS, Tuhau J, Hollenberg M, Mangano DT. Prognostic importance of postbypass regional wall-motion abnormalities in patients undergoing coronary artery bypass graft surgery. SPI Research Group. Anesthesiology 1989 Jul;71(1):16–25
Leupi F see Gertsch M
Leuschen MP see Rayburn W
Levendag PC see Jansen RF
Leveno KJ see Ramin SM
Leventhal CM see Nochlin D
Leventhal LJ, Borofsky MA, Bergey PD, Schumacher HR Jr. Antiphospholipid antibody syndrome with right atrial thrombosis mimicking an atrial myxoma. Am J Med 1989 Jul;87(1):111–3
Leventon G see Davidson S
Levey GS see Karpf M
Levin AR see Ichida F
Levin KJ see Spielman FJ
Levin LC see Koran LM
Levin M see Whitley RJ
Levin RF see Hyman RB
Levin RM see Lin AT
Levin W see Sealy R
Levine AM. The importance of hope. West J Med 1989 May; 150(5):609
Levine AM see Gill PS
Levine BA, Shelton C, Berliner KI, Sheehy JL. Sensorineural loss in chronic otitis media. Is it clinically significant? Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):814–6
Levine HL see Giddings NA
Levine MM see Kotloff KL
Levine MS, Ekberg O, Rubesin SE, Gatenby RA. Gastrointestinal sarcoidosis: radiographic findings. AJR Am J Roentgenol 1989 Aug;153(2):293–5
Levine RJ. Institutional review boards. BMJ 1989 May 13; 298(6683):1268–9
Levine SR see Robertson WM
Levinson MR see Groeger JS
Levinson RB see Silver LB
Levitt S see Gill B
Levitt SB see Ehrlich RM
Levo Y see Halpern Z
Levy DL see Holzman PS
Levy ML see Demmler GJ
Levy RH see Kerr BM
Lew AS see Weiss AT
Lewander WJ, Lacouture PG, Silva JE, Lovejoy FH. Acute thyroxine ingestion in pediatric patients. Pediatrics 1989 Aug;84(2):262–5
Lewellen TK see Graham MM
Lewin AA see Serago CF
Lewin KJ see Golomb J
Lewin MR see Harrison RA
Lewin RF, Raff H, Findling JW, Skelton MM, Cowley AW Jr, King JF, Dorros G. Stimulation of atrial natriuretic peptide and vasopressin during percutaneous transluminal aortic valvuloplasty. Am Heart J 1989 Aug;118(2):292–8
Lewis ED see Kempe A
Lewis IJ see Heney D
Lewis IJ see Pinkerton CR
Lewis JH see Kalloo AN
Lewis JH see Ostroff SM
Lewis LA see Rogers LQ
Lewis MM see Klein MJ
Lewis SF see Haller RG
Lewis T see Abramson DL
Lewtas J see Henderson FW
Ley TJ see Carel JC
Leyland MJ see Gyde OH
Li CY see Tefferi A
Li DK see Koopmans RA
Li JY see Brinton LA
Li M, Baker MD, Ropp LJ. Pediatric emergency medicine: a developing subspecialty. Pediatrics 1989 Aug; 84(2):336–42
Li S see Benson DW
Li SM see Tu EJ
Li Z see Muizelaar JP
Li Bassi S see Testa S
Liang J see Tu EJ
Liang XP, Lamm ME, Nedrud JG. Cholera toxin as a mucosal adjuvant. Glutaraldehyde treatment dissociates adjuvanticity from toxicity. J Immunol 1989 Jul 15; 143(2):484–90
Liaño F see Pascual J
Libal Y see Ellenbogen A
Liberman SN see Webb KS
Libertin CR see Stein DS
Libertino JA see Bloom LS
Libertino JA see Malone MJ
Libretti A see Balsano F
Lichstein E see Charlap S
Lichtenstein LM see Golden DB
Lichtenstein LM see Schleimer RP
Lichtig LK, Knauf RA, Bartoletti A, Wozniak LM, Gregg RH, Muldoon J, Ellis WC. Revising diagnosis-related groups for neonates. Pediatrics 1989 Jul;84(1):49–61
Lichtler AC see Harrison JR
Lidén A see Dahl-Puustinen ML
Lie JT. Petrified cardiac myxoma masquerading as organized atrial mural thrombus. Arch Pathol Lab Med 1989 Jul; 113(7):742–5
Lie JT. The identity and histogenesis of cardiac myxomas. A controversy put to rest [editorial] Arch Pathol Lab Med 1989 Jul;113(7):724–6
Lie KI see van der Linde MR
Lieber RL see Wenger DR
Lieberman AF see Harris ES
Liebert HP, O'Donoghue S, Tullner WF, Platia EV. Pacemaker syndrome in activity-responsive VVI pacing. Am J Cardiol 1989 Jul 1;64(1):124–6
Liebhaber SA see Ray J
Lieblich S see Eisenberg E
Liebundgut B see Hadziselimovic F
Liermann DD see Vallbracht C
Light DB, Ausiello DA, Stanton BA. Guanine nucleotide-binding protein, alpha i-3, directly activates a cation channel in rat renal inner medullary collecting duct cells. J Clin Invest 1989 Jul;84(1):352–6
Light JK see Marks JL
Lightman S, Watson P. Treatment of scleritis with combined oral prednisone and indomethacin therapy [letter] Am J Ophthalmol 1989 Jul 15;108(1):95
Lightwood RG see Sarin S
Ligon RW see O'Keefe JH Jr
Like AA see Guberski DL
Likosky W see Nestor JJ
Lilford RJ see Thornton JG
Lilis R see Marino PE
Lilly M see Bailey FA
Lim S see Calne RY
Limaye NS, Tchabo JG. Asymptomatic thrombocytopenia associated with chorioangioma of placenta. Am J Obstet Gynecol 1989 Jul;161(1):76–7
Limberg MB, Dingeldein SA, Green MT, Klyce SD, Insler MS, Kaufman HE. Corneal compression sutures for the reduction of astigmatism after penetrating keratoplasty. Am J Ophthalmol 1989 Jul 15;108(1):36–42
Limbird TJ. Slipped capital femoral epiphysis associated with Russell-Silver syndrome. South Med J 1989 Jul;82(7):902–4
Lin AT, Kato K, Monson F, Wein AJ, Levin RM. Pharmacological responses of rabbit urinary bladder after subtotal cystectomy. J Urol 1989 Aug;142(2):409–12
Lin FC see Hung JS
Lin HY, Rocher LL, McQuillan MA, Schmaltz S, Palella TD, Fox IH. Cyclosporine-induced hyperuricemia and gout. N Engl J Med 1989 Aug 3;321(5):287–92
Lin KM, Poland RE, Fu P, Nuccio I, Lesser IM. Serum haloperidol and desipramine concentrations and the

treatment of psychotic depression: two case reports. J Nerv Ment Dis 1989 Jul;177(7):431–2
Lin MR see **Mazloomdoost M**
Lin S see **Krakowski MI**
Lin S see **Tocci MJ**
Lin TH, Kirkland RT, Sherman BM, Kirkland JL. Growth hormone testing in short children and their response to growth hormone therapy. J Pediatr 1989 Jul;115(1):57–63
Lin YS see **Taub DD**
Lin ZY see **Tang ZY**
Lind JA Jr see **Love L**
Lindahl G, Hedfors E. Lymphocytic infiltrates and epithelial HLA–DR expression in lip salivary glands in connective tissue disease patients lacking sicca: a prospective study. Br J Rheumatol 1989 Aug;28(4):293–8
Linden J see **Belardinelli L**
Lindfors KK see **Hartling RP**
Lindheim S see **Rando RF**
Lindheim S see **Sedlacek TV**
Lindsay G see **Morton AL**
Lindsay MK, Peterson HB, Mundy DC, Slade BA, Feng T, Willis S, Stine P, Klein L. Seroprevalence of human immunodeficiency virus infection in a prenatal population at high risk for HIV infection. South Med J 1989 Jul; 82(7):825–8
Lineaweaver WC. Reconstructive surgery in Nicaragua [letter] Plast Reconstr Surg 1989 Aug;84(2):363–4
Linette G see **Pepose JS**
Lingard CD see **Rickard KA**
Link H see **Baig S**
Link MP see **Carroll WL**
Linko K see **Michelsen T**
Linn LS, Yager J, Leake B. Physicians' attitudes toward the legalization of marijuana use. West J Med 1989 Jun; 150(6):714–7
Linn LS, Kahn KL. Physician attitudes toward the "laying on of hands" during the AIDS epidemic. Acad Med 1989 Jul;64(7):408–9
Linn WS, Avol EL, Anderson KR, Shamoo DA, Peng RC, Hackney JD. Effect of droplet size on respiratory responses to inhaled sulfuric acid in normal and asthmatic volunteers. Am Rev Respir Dis 1989 Jul;140(1):161–6
Linnemann CC Jr, Pretzman CI, Peterson ED. Acute febrile cerebrovasculitis. A non-spotted fever group rickettsial disease. Arch Intern Med 1989 Jul;149(7):1682–4
Linnemann CC Jr, Baughman RP, Frame PT, Floyd R. Recovery of human immunodeficiency virus and detection of p24 antigen in bronchoalveolar lavage fluid from adult patients with AIDS. Chest 1989 Jul;96(1):64–7
Linnoila M see **Roy A**
Linton J see **Firestein GS**
Lioté H, Zahm JM, Pierrot D, Puchelle E. Role of mucus and cilia in nasal mucociliary clearance in healthy subjects. Am Rev Respir Dis 1989 Jul;140(1):132–6
Lipchik EO see **Jacobs SC**
Lippert TH see **Bartsch C**
LiPreti V see **Kimball BP**
Lipsky PE see **Patel SS**
Lipson JL see **Graettinger WF**
Lipson WE see **Miller A**
Lipton RB see **Choy-Kwong M**
Liput JH see **Riggs JE**
Lischner HW see **Raphael SA**
Liss CL see **Brazer SR**
Lisse JR. Ankylosing spondylitis. An optimistic outlook. Postgrad Med 1989 Jul;86(1):147–8, 151–3 (18 ref.)
Lisse JR see **Gonzalez EB**
Lista F see **Morris SF**
Liston J. Current issues in food safety—especially seafoods. J Am Diet Assoc 1989 Jul;89(7):911–3
Lithell H see **Pollare T**
Lithell HO see **Skarfors ET**
Little BB see **Ramin SM**
Little JR see **Rosenfeld JV**
Little RA. 1988 Fitts lecture: heart rate changes after haemorrhage and injury—a reappraisal. J Trauma 1989 Jul; 29(7):903–6 (30 ref.)
Littler WA see **Dimmitt SB**
Littmann L, Svenson RH, Gallagher JJ, Selle JG. High grade entrance and exit block in an area of healed myocardial infarction associated with ventricular tachycardia with successful laser photoablation of the anatomic substrate. Am J Cardiol 1989 Jul 1;64(1):122–4
Litvack F, Grundfest WS, Adler L, Hickey AE, Segalowitz J, Hestrin LB, Mohr FW, Goldenberg T, Laudenslager JS, Forrester JS. Percutaneous excimer-laser and excimer-laser-assisted angioplasty of the lower extremities: results of initial clinical trial. Radiology 1989 Aug; 172(2):331–5
Litvack F, Grundfest W, Eigler N, Tsoi D, Goldenberg T, Laudenslager J, Forrester J. Percutaneous excimer laser coronary angioplasty [letter] Lancet 1989 Jul 8; 2(8654):102–3
Litvan I, Grafman J, Gomez C, Chase TN. Memory impairment in patients with progressive supranuclear palsy. Arch Neurol 1989 Jul;46(7):765–7
Litwiller R see **Bahou WF**
Liu C see **Edelman RR**
Liu FY, Cogan MG. Angiotensin II stimulates early proximal bicarbonate absorption in the rat by decreasing cyclic adenosine monophosphate. J Clin Invest 1989 Jul; 84(1):83–91
Liu JF see **Koch DD**
Liu PI see **Murata T**
Liu YP see **Demling RH**
Livesey EA, Brook CG. Thyroid dysfunction after radiotherapy and chemotherapy of brain tumours. Arch Dis Child 1989 Apr;64(4):593–5
Livingston DH, Miller FB, Richardson JD. Are the risks after colostomy closure exaggerated? Am J Surg 1989 Jul; 158(1):17–20
Livingston DH, Malangoni MA, Sonnenfeld G. Immune enhancement by tumor necrosis factor-alpha improves antibiotic efficacy after hemorrhagic shock. J Trauma 1989 Jul;29(7):967–70; discussion 970–1
Livni N see **Heyd J**
LiVolsi VA see **Carr RF**
Llanos AJ see **Serón-Ferré M**
Lloyd A, Wakefield D, Smith L, Isbister J, McGrath M, Collings A, Bajenov N. Red blood cell morphology in chronic fatigue syndrome [letter] Lancet 1989 Jul 22; 2(8656):217
Lloyd JK see **D'Angio CT**
Lo CY see **Roat MI**
Loaldi A see **DeCesare N**
Loc'h F see **Dartevelle P**
Lock TW see **Nijman RJ**
Loegering DA see **Ayars GH**
Loegering DA see **Barker RL**
Loewenstein DA, Amigo E, Duara R, Guterman A, Hurwitz D, Berkowitz N, Wilkie F, Weinberg G, Black B, Gittelman B, et al. A new scale for the assessment of functional status in Alzheimer's disease and related disorders. J Gerontol 1989 Jul;44(4):P114–21
Lofchy N see **Morris SF**
Lofgren JP see **Narain JP**
Loft D see **Moriarty KJ**
Lofthouse R see **Collinge J**
Loftson J see **Conly J**
Logan RF, Rifkind EA, Turner ID, Ferguson A. Mortality in celiac disease. Gastroenterology 1989 Aug;97(2):265–71
Logan WD see **Borrero E**
Logemann JA, Kahrilas PJ, Begelman J, Dodds WJ, Pauloski BR. Interactive computer program for biomechanical analysis of videoradiographic studies of swallowing. AJR Am J Roentgenol 1989 Aug;153(2):277–80
Loghmani ES see **Rickard KA**
Logigian EL see **Pessin MS**
Logue GL see **O'Connor BM**
Loh FC, Yeo JF. Surgical correction of masseter muscle hypertrophy by an intraoral approach. J Oral Maxillofac Surg 1989 Aug;47(8):883–5
Loh WY see **Wolberg WH**
Loiseau P see **Kerr BM**
Loitz BJ, Zernicke RF, Vailas AC, Kody MH, Meals RA. Effects of short-term immobilization versus continuous passive motion on the biomechanical and biochemical properties of the rabbit tendon. Clin Orthop 1989 Jul; (244):265–71
Loizou LA see **Thompson AJ**
Lomax K see **Gilmore-Hebert M**
Lomazzi A see **Di Lelio A**
Lombard-Platet R see **Perrin-Fayolle M**
Lombet JR, Adler SG, Anderson PS, Nast CC, Olsen DR, Glassock RJ. Sex vulnerability in the subtotal nephrectomy model of glomerulosclerosis in the rat. J Lab Clin Med 1989 Jul;114(1):66–74
Loney PD, Walling AD. Chloroquine overdosage in infancy: a case report. Am Fam Physician 1989 Jul;40(1):164–6
Long CD see **Mattrey RF**
Long DM see **Ikeda Y**
Long DM see **Mattrey RF**
Long N see **Forehand R**
Longaker M see **Verrier ED**
Longe K. Bar coding permeates the health care field. Hospitals 1989 Jul 5;63(13):FB56, FB58
Longmore DB see **Bogren HG**
Longmore W see **Gupta BK**
Longo DL see **Goey H**
Longo DL see **VanderMolen LA**
Longo G, Messori A, Morfini M, di Careggi O. Pharmacokinetics of recombinant antihemophilic factor [letter] N Engl J Med 1989 Aug 3;321(5):329–30
Longworth DL see **Mehle ME**
Lönnerdal B see **Davidsson L**
Lönnerdal B see **Donovan SM**
Lonsdale M, Stuart J. Complete heart block following glycopyrronium/neostigmine mixture [letter] Anaesthesia 1989 May;44(5):448–9
Loo LS see **Kohl S**
Lopez A see **Mahatma M**
Lopez J see **Escolar G**
Lopez RA see **Habermann ET**
López-Longo FJ see **Nuñez JM**
Lord R see **Kara U**
Loriaux DL see **Doppman JL**
Loriaux DL see **Manasco PK**
Loriaux DL see **Perry RR**
Lorig R see **Bretan PN Jr**
Lorigan JG, O'Keeffe FN, Evans HL, Wallace S. The radiologic manifestations of alveolar soft-part sarcoma. AJR Am J Roentgenol 1989 Aug;153(2):335–9
Lorigan JG, David CL, Evans HL, Wallace S. The clinical and radiologic manifestations of hemangiopericytoma. AJR Am J Roentgenol 1989 Aug;153(2):345–9
Loring SH see **Barnas GM**
Lorish TR, Thorsteinsson G, Howard FM Jr. Stiff-man syndrome updated. Mayo Clin Proc 1989 Jun;64(6):629–36 (26 ref.)
Losonsky GA see **Kotloff KL**
Lottmann HB see **Chopin DK**
Lotzová E see **Wood WJ Jr**
Loubser MD, Hoh MC, Sreeram N. Sudden death in incomplete Kawasaki disease [letter] Arch Dis Child 1989 Apr;64(4):637–8
Louie T see **Conly J**
Louis DN, Richardson EP Jr, Dickersin GR, Petrucci DA, Rosenberg AE, Ojemann RG. Primary intracranial leiomyosarcoma. Case report. J Neurosurg 1989 Aug; 71(2):279–82
Louis JP see **Trebucq A**
Loureiro C see **Gill PS**
Love JM see **Nichols L**
Love L, Lind JA Jr, Olson MC. Persistent CT nephrogram: significance in the diagnosis of contrast nephropathy. Radiology 1989 Jul;172(1):125–9
Love LA see **Plotz PH**
Love SM see **Grogan DP**
Lovegrove FT see **Hayes AA**
Lovejoy FH see **Lewander WJ**
Low PA see **Fealey RD**
Lowe J see **Pullar T**
Lowensohn RI see **Thurmond AS**
Löwik MR, Hulshof KF, Odink J, Schrijver J, Spanhaak S, van Houten P. Cholesterol and mortality in elderly women [letter] Lancet 1989 Jul 1;2(8653):41
Lowry R see **Higenbottam T**
Lowy FH see **Kleinman I**
Loy TS see **Ringenberg QS**
Loyke HF. Disease states in which blood pressure is lowered. South Med J 1989 Jul;82(7):864–7 (45 ref.)
Loza J see **Ballare C**
Lu F see **Freimer N**
Lu JZ see **Tang ZY**
Lubbers DJ see **Moulton JS**
Lubitz L see **Nolan T**
Lubock P. The physics and mechanics of lithotripters. Dig Dis Sci 1989 Jul;34(7):999–1005 (14 ref.)
Lucas A see **Rennie JM**
Lucas LM see **Smith DL**
Lucas P see **Wolkowitz OM**
Lucas WE see **Varney RR**
Lucca MJ see **Lantz DA**
Luchins DJ, Rose RP. Late-life onset of panic disorder with agoraphobia in three patients. Am J Psychiatry 1989 Jul; 146(7):920–1
Luchtel DL see **Ayars GH**
Luciano AA, Maier DB, Koch EI, Nulsen JC, Whitman GF. A comparative study of postoperative adhesions following laser surgery by laparoscopy versus laparotomy in the rabbit model. Obstet Gynecol 1989 Aug;74(2):220–4
Lucie NP. Radon exposure and leukaemia [letter] Lancet 1989 Jul 8;2(8654):99–100
Lucke J see **Rhodes M**
Luckert PH see **Pollard M**
Luckett CR see **Brodsky MA**
Ludman P see **Uren NG**
Ludomirsky A see **Sedlacek TV**
Ludwig J. Classification and terminology of hepatic allograft rejection: whither bound? Mayo Clin Proc 1989 Jun; 64(6):676–9
Ludwig J see **Paya CV**
Lue TF. Penile venous surgery. Urol Clin North Am 1989 Aug;16(3):607–11
Lue TF see **Aboseif SR**
Luepker RV see **Herlitz J**
Luesley D see **Woodman CB**
Luetic T see **Docimo SG**
Lufkin RB see **Robinson JD**
Luft HS see **Garnick DW**
Lugano EM see **Foley M**
Luger TA, Krutmann J, Kirnbauer R, Urbanski A, Schwarz T, Klappacher G, Köck A, Micksche M, Malejczyk J, Schauer E, et al. IFN-beta 2/IL-6 augments the activity of human natural killer cells. J Immunol 1989 Aug 15; 143(4):1206–9
Lukash FN, Sachs SA. Functional mandibular reconstruction: prevention of the oral invalid. Plast Reconstr Surg 1989 Aug;84(2):227–33; discussion 234–5
Luke RA, Gillbe CE, Bonser RS, Paneth M, Somerset D, Thomas J, Gibson DG. Effect of temperature on rate of left ventricular pressure fall in humans. Br Heart J 1989 May;61(5):426–31
Luketich J, Friehling TD, O'Connor KM, Kowey PR. The effect of beta-adrenergic blockade on vulnerability to ventricular fibrillation and inducibility of ventricular arrhythmia in short- and long-term feline infarction models. Am Heart J 1989 Aug;118(2):265–71
Luks FI, Huntley HN, Tula JC, Pizzi WF. Small-bowel obstruction by an inflatable penile prosthesis reservoir. Surgery 1989 Jul;106(1):101–4 (19 ref.)
Luly P see **Baldini P**
Lumpkin MD see **McDonald JK**
Lumsden AB, Henderson JM, Alspaugh J. Endotoxemia during percutaneous manipulation of the obstructed biliary tree. Am J Surg 1989 Jul;158(1):21–4

Luna MA see **Chu DZ**
Lund BA see **Triplett WW**
Lund J see **Bertin VJ**
Lundberg M see **Weiss CB**
Lundberg O see **Vågerö D**
Lundell GF see **Pettibone DJ**
Lunderquist A see **Irving JD**
Lundgren R, Elfving P, Heim S, Kristoffersson U, Mandahl N, Mitelman F. A squamous cell bladder carcinoma with karyotypic abnormalities reminiscent of transitional cell carcinoma. J Urol 1989 Aug;142(2):374–6
Lunkenheimer PP see **Brüssel T**
Lunsford LD. Stereotactic drainage of brain abscesses [letter] J Neurosurg 1989 Jul;71(1):154
Lunski I see **Mizrahi S**
Luo JM, Murphy LJ. Dexamethasone inhibits growth hormone induction of insulin–like growth factor–I (IGF–I) messenger ribonucleic acid (mRNA) in hypophysectomized rats and reduces IGF–I mRNA abundance in the intact rat. Endocrinology 1989 Jul;125(1):165–71
Lurain JR, Rumsey NK, Schink JC, Wallemark CB, Chmiel JS. Prognostic significance of positive peritoneal cytology in clinical stage I adenocarcinoma of the endometrium. Obstet Gynecol 1989 Aug;74(2):175–9
Luria H see **Moroz C**
Lusson JR see **Bassand JP**
Lusted HS see **Oshiro EM**
Lutter CK, Mora JO, Habicht JP, Rasmussen KM, Robson DS, Sellers SG, Super CM, Herrera MG. Nutritional supplementation: effects on child stunting because of diarrhea. Am J Clin Nutr 1989 Jul;50(1):1–8
Lutzky J see **Cohen MB**
Luurila OJ, Kohvakka A, Sundberg S. Comparison of blood pressure response to heat stress in sauna in young hypertensive patients treated with atenolol and diltiazem. Am J Cardiol 1989 Jul 1;64(1):97–9
Luzi L see **Groop LC**
Luzuy S see **Abdelmoula M**
Luzza F see **Oreto G**
Luzzago F see **Nicolai P**
Lydiard RB, George MS. Fluoxetine–related anorgasmy [letter] South Med J 1989 Jul;82(7):933–4
Lyle WH. Sulphasalazine in rheumatoid arthritis: haematological problems [letter] Br J Rheumatol 1989 Aug; 28(4):363–4
Lymbery AJ see **Meloni BP**
Lynch M see **Feldman M**
Lynch M see **Reath DB**
Lynch MG see **Martinez LA**
Lynch SA see **Farmer TW**
Lynn MD. Orthopaedic Management of High–Level Spina Bifida. Early Walking Compared With Early Use of a Wheelchair [letter] J Bone Joint Surg [Am] 1989 Jul; 71(6):953
Lynn MR. Instrument reliability and validity: how much needs to be published? Heart Lung 1989 Jul;18(4):421–3
Lyons D, Kavanagh G, Fielding J. Iron deficiency in adolescents [letter] BMJ 1989 Apr 29;298(6681):1180
Lyons JS see **McCartney CF**
Lytle JJ, Stamper EP. The 1988 anesthesia survey of the Southern California Society of Oral and Maxillofacial Surgeons. J Oral Maxillofac Surg 1989 Aug;47(8):834–42

M

Ma L see **Deitch EA**
Ma WJ see **Deitch EA**
Ma ZC see **Tang ZY**
Maarek JM see **Hakim TS**
Mabry M, Nakagawa T, Baylin S, Pettengill O, Sorenson G, Nelkin B. Insertion of the v–Ha–ras oncogene induces differentiation of calcitonin–producing human small cell lung cancer. J Clin Invest 1989 Jul;84(1):194–9
McAfee JH see **Smith DL**
Macaluso RA, Reams C, Gibson WS, Vrabec DP, Matragrano A. Uvulopalatopharyngoplasty: postoperative management and evaluation of results. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):502–7
McArdle CS see **Goldberg JA**
McArthur CD see **Davies SF**
McArthur D see **Gianrossi R**
McArthur RG see **Leung AK**
Macaulay W, Nikolic G. A far–reaching interpolation. Heart Lung 1989 Jul;18(4):415–7
McAuliffe D see **Kessler KM**
McBride WO see **Friedman E**
McCabe CH see **Reis GJ**
McCabe P see **Siao P**
McCabe S see **Acland RD**
McCallum RW see **Freidin N**
Maccarini L see **Cerveri I**
McCarley RW, Faux SF, Shenton M, LeMay M, Cane M, Ballinger R, Duffy FH. CT abnormalities in schizophrenia. A preliminary study of their correlations with P300/P200 electrophysiological features and positive/negative symptoms. Arch Gen Psychiatry 1989 Aug;46(8):698–708
McCarthy B see **Lange MP**
McCarthy BJ see **Berg CJ**
McCarthy D see **Chylack LT Jr**
McCarthy EJ see **Wolock BS**
McCarthy KA see **Shin JH**
McCarthy RJ see **Tuman KJ**
McCarthy SA see **Cole JA**
McCarthy TL see **Centrella M**
McCartney CF, Cahill P, Larson DB, Lyons JS, Wada CY, Pincus HA. Effect of a psychiatric liaison program on consultation rates and on detection of minor psychiatric disorders in cancer patients. Am J Psychiatry 1989 Jul; 146(7):898–901
McCartney E see **Howlett CR**
McChrisley B see **Driskell JA**
McClearn GE see **Pedersen NL**
McClelland RN see **Landrenau RJ**
McCluer RH see **Mobassaleh M**
McClure CB see **Lee KR**
McClure MO, Schulz TF. Origin of HIV. BMJ 1989 May 13;298(6683):1267–8 (25 ref.)
McComb J see **Kuchar DL**
McCombs CC, Michalski JP. HLA and immune response [letter] JAMA 1989 Aug 11;262(6):774
McConahay DR see **O'Keefe JH Jr**
McConkey CL see **Martin KJ**
McCool FD see **Tzelepis GE**
McCormack RM. In support of the certificate of added qualifications in hand surgery [letter] Plast Reconstr Surg 1989 Aug;84(2):372
McCormick B. Community teaching hospitals feel funding squeeze. Hospitals 1989 Jul 5;63(13):34, 36, 38
McCormick JS. Cervical smears: a questionable practice? Lancet 1989 Jul 22;2(8656):207–9
McCroskey BL see **Moore FA**
McCroskey BL see **Piotrowski JJ**
McCroskey BL see **Rutherford RB**
McCuaig CC, Chan LS, Woodley DT, Rasmussen JE, Cooper KD. Epidermolysis bullosa acquisita in childhood. Differentiation from hereditary epidermolysis bullosa. Arch Dermatol 1989 Jul;125(7):944–9
McCuen BW 2d see **Small KW**
McCuen BW 2d see **Zilis JD**
McCulloch DK see **Goodner CJ**
McCullough DL see **Assimos DG**
McCune M see **Wood CD**
McCurdy SA, Ferguson TJ, Schenker MB. Mucocutaneous injuries at a university teaching hospital. West J Med 1989 May;150(5):604–8
McCusker RH, Campion DR, Jones WK, Clemmons DR. The insulin–like growth factor–binding proteins of porcine serum: endocrine and nutritional regulation. Endocrinology 1989 Jul;125(1):501–9
McCutchan JA see **Larsen RA**
McDaniel HK see **Johnson JV**
McDaniel WC see **Flaker GC**
McDermott ML, Edelhauser HF, Hyndiuk RA, Koenig SB. Tissue plasminogen activator and the corneal endothelium. Am J Ophthalmol 1989 Jul 15;108(1):91–2
McDermott ML see **Koenig SB**
McDonald DJ, Fitzgerald RH Jr, Ilstrup DM. Two–stage reconstruction of a total hip arthroplasty because of infection. J Bone Joint Surg [Am] 1989 Jul;71(6):828–34
MacDonald HR see **Howe RC**
McDonald JK, Lumpkin MD, DePaolo LV. Neuropeptide–Y suppresses pulsatile secretion of luteinizing hormone in ovariectomized rats: possible site of action. Endocrinology 1989 Jul;125(1):186–91
Macdonald JS see **Romond EH**
McDonald JV see **Nussbaum CE**
McDonald K see **Dubin SA**
MacDonald KL see **Spika JS**
MacDonald NE see **Kempe A**
McDonald WI see **Wulc AE**
McDougall BR see **Arquilla ER**
McDowell JH see **Vrabec T**
McDuffie E see **Cooper HL**
McEver RP, Beckstead JH, Moore KL, Marshall–Carlson L, Bainton DF. GMP–140, a platelet alpha–granule membrane protein, is also synthesized by vascular endothelial cells and is localized in Weibel–Palade bodies. J Clin Invest 1989 Jul;84(1):92–9
Macewen W see **Leishman D**
McFadden JT. Evolution of the crossed–action intracranial aneurysm clip. Technical note. J Neurosurg 1989 Aug; 71(2):293–6
McFadden RG, Fraher LJ, Thompson JM. Gold–naproxen pneumonitis. A toxic drug interaction? Chest 1989 Jul; 96(1):216–8
MacFarlane JA see **Tudor–Williams G**
McFee AS, Gilbert J. The outcome index. A method of quality assurance in the special care area. Arch Surg 1989 Jul;124(7):825–9
McGaghie WC see **Maxwell K**
McGahan JP see **Hartling RP**
McGann WA see **Welch RB**
McGee JO see **Herrington CS**
McGinlay JM see **Henderson MJ**
McGinnis MC see **Pearson JP**
MacGlashan DW Jr see **Schleimer RP**
McGovern BA see **Kuchar DL**
McGowan L see **Hartge P**
McGrady EM, Brownhill DK, Davis AG. Epidural diamorphine and bupivacaine in labour. Anaesthesia 1989 May;44(5):400–3
McGrady EM, Wright IH. Cardiovascular instability following bolus dose of etomidate. Anaesthesia 1989 May; 44(5):404–5
McGrath M see **Lloyd A**
MacGregor DF see **Corkill JA**
McGregor M see **Rowe GP**
McGregor SE see **Duggan MA**
McGuire MH, Merenda JT, Etzkorn JR, Sundaram M. Oncogenic osteomalacia. A case report. Clin Orthop 1989 Jul;(244):305–8
McGuire PA see **Griffin TC**
McGuire TC see **Riggs MW**
McGuire W see **Rickard KA**
McHale DM see **Sage JI**
Machecourt J see **Bassand JP**
Machell C see **Klein RC**
Machemer R see **Small KW**
Machemer R see **Zilis JD**
Machida T see **Aoki S**
Machin SJ see **Cohen H**
Machin SJ see **Cummins D**
Machleder HI see **Kunkel JM**
McHugh K, Blaquiere RM. CT features of rounded atelectasis. AJR Am J Roentgenol 1989 Aug;153(2):257–60
Maciel BC see **Moises VA**
McIlroy MA, Fisher EJ, Saravolatz LD, Hardwicke MB, Wilson FM. Aseptic meningitis complicating adult Kawasaki disease: case report and review of the literature. Am J Med 1989 Jul;87(1):106–10 (20 ref.)
McIndoe GA, Robson MS, Tidy JA, Mason WP, Anderson MC. Laser excision rather than vaporization: the treatment of choice for cervical intraepithelial neoplasia. Obstet Gynecol 1989 Aug;74(2):165–8
McIntosh HD. Risk factors for cardiovascular disease and death: a clinical perspective. J Am Coll Cardiol 1989 Jul; 14(1):24–30 (36 ref.)
McIntosh N see **Bhandari AK**
MacIntyre D see **Dean E**
Mack LA see **Patten RM**
Mackay B. Poorly differentiated and undifferentiated lung tumors. Chest 1989 Jul;96(1 Suppl):38S–39S
Mackay IR see **Tait B**
McKay R see **Smith A**
McKeever LS, Marek J, Stamato N. Emergency operation after failed angioplasty [letter] J Thorac Cardiovasc Surg 1989 Jul;98(1):151–2
McKeigue PM, Adelstein AM, Marmot MG, Henly PJ, Owen RW, Hill MJ, Thompson MH. Diet and fecal steroid profile in a South Asian population with a low colon–cancer rate. Am J Clin Nutr 1989 Jul;50(1):151–4
Mackem SM see **Maton PN**
McKendall GR, Shurman A, Anamur M, Most AS. Toxic cardiogenic shock associated with infusion of 5–fluorouracil. Am Heart J 1989 Jul;118(1):184–6
McKenna RV see **Willadsen P**
McKenna RW, Brunning RD. Myelodysplasia and acute leukemia following treatment for Hodgkin's disease [letter] Am J Clin Pathol 1989 Jul;92(1):127–8
McKenna WJ see **Robinson K**
Mackenzie CF see **Barnas GM**
MacKenzie EJ, Morris JA Jr, Edelstein SL. Effect of pre–existing disease on length of hospital stay in trauma patients. J Trauma 1989 Jun;29(6):757–64; discussion 764–5
McKenzie JK see **Mitenko PA**
Mackenzie JW. Daycase anaesthesia and anxiety. A study of anxiety profiles amongst patients attending a day bed unit. Anaesthesia 1989 May;44(5):437–40
McKenzie R. Postoperative pain after laparoscopic sterilisation [letter] Anaesthesia 1989 May;44(5):450
Mackersie RC, Tiwary AD, Shackford SR, Hoyt DB. Intra–abdominal injury following blunt trauma. Identifying the high–risk patient using objective risk factors. Arch Surg 1989 Jul;124(7):809–13
Mackey DC see **Kopacz DJ**
MacKey JJ see **Tsubota H**
Mackie IJ see **Cohen H**
Mackie IJ see **Cummins D**
Mackie R see **Burnett D**
McKinney DL see **Dworzack DL**
McKinnie J, Avitall B, Caceres J, Jazayeri M, Tchou P, Akhtar M. Electrophysiologic spectrum of concealed intranodal conduction during atrial rate acceleration in a model of 2:1 atrioventricular block. Circulation 1989 Jul; 80(1):43–50
McKolanis J see **Nasr S**
McLain AD. Condoms and safe sex [letter] J Clin Pathol 1989 Jun;42(6):670
McLaren CE see **Chester CS**
McLaren K see **Barr BB**
McLaughlin S see **Taha AS**
MacLean CJ see **Yano K**
MacLean L see **Chan–Yeung M**
McLean MP see **Steinschneider A**
Maclean S see **Ng KH**
McLellan BA see **Pinkerton PH**
McLellan LI see **Harrison DJ**
McLeod DR see **Hoehn–Saric R**
Macleod MA see **Adkinson GH**
MacLeod RM see **Spangelo BL**
MacLeod S see **Koren G**
McLorie GA see **Husmann DA**
McLorie GA see **Khoury AE**
McMahon JE see **Young C**
McMahon M see **Miller P**
McMahon MJ see **Larvin M**

McMahon WM see **Ritvo ER**
McMahon-Pratt D see **Pan AA**
McManus MM see **Ayars GH**
McManus WF see **Graves TA**
McNabb WL see **Malik RL**
McNatt J see **Eldt JF**
McNeal JE see **Kaballn JN**
Macnee CL see **Aaronson LS**
McNeeley SG, **Elkins TE.** Gynecologic surgery and surgical morbidity in mentally handicapped women. Obstet Gynecol 1989 Aug;74(2):155–8
McNeill GC, **Witte MH, Witte CL, Williams WH, Hall JN, Patton DD, Poad GD, Woolfenden JM.** Whole-body lymphangioscintigraphy: preferred method for initial assessment of the peripheral lymphatic system. Radiology 1989 Aug;172(2):495–502
McNeill I see **Kondziolka D**
McNeish AS see **Knutton S**
McNulty A see **Woodbury PW**
McNulty CA, Dent JC, Curry A, Uff JS, Ford GA, Gear MW, Wilkinson SP. New spiral bacterium in gastric mucosa. J Clin Pathol 1989 Jun;42(6):585–91
McPhee SJ see **Garnick DW**
McPherson K. Cervical cytology policy [letter] Lancet 1989 Jul 15;2(8655):162–3
MacPherson K see **Bertin VJ**
McPrond LM see **Newman CF**
McQuillan MA see **Lin HY**
Macquin-Mavier I see **Saada M**
McQuinn RL see **Holtzman JL**
McQuinn RL see **Perry JC**
MacRae S see **Pepose JS**
McSwain NE Jr see **Frame SB**
McVary KT, Maizels M. Urinary obstruction reduces glomerulogenesis in the developing kidney: a model in the rabbit. J Urol 1989 Aug;142(2 Pt 2):646–51; discussion 667–8
Maddahi J see **Berman DS**
Maddahi J see **Rodrigues EA**
Maddahi J see **Weiss AT**
Madden AP. Cuff dilatation of a tracheostomy pack [letter] Anaesthesia 1989 May;44(5):450
Madden MR, Nolan E, Finkelstein JL, Yurt RW, Smeland J, Goodwin CW, Hefton J, Staiano-Coico L. Comparison of an occlusive and a semi-occlusive dressing and the effect of the wound exudate upon keratinocyte proliferation. J Trauma 1989 Jul;29(7):924–30; discussion 930–1
Maddens M see **Imam K**
Maddy MM see **Davies SF**
Madgar I see **Zissin R**
Madison JD see **Goldenberg IF**
Mador AT see **Harrison JR**
Maeda H see **Mori H**
Maekawa M see **Torisu T**
Mäenpää J see **Klemi PJ**
Mäentausta O see **Niemelä S**
Maggi G see **D'Addato M**
Magid ML see **Picascia DD**
Magistro CM. Clinical decision making in physical therapy: a practitioner's perspective. Phys Ther 1989 Jul; 69(7):525–34
Magni A see **Milano AD**
Magrin L see **Betterle C**
Maguire HC see **Russo DM**
Maguire LJ, Bartley GB. Complications associated with the new smaller size freeman punctal plug. Case report. Arch Ophthalmol 1989 Jul;107(7):961–2
Mahaley MS Jr see **Shapiro WR**
Mahatma M, Haponik EF, Nelson S, Lopez A, Summer WR. Phenytoin-induced acute respiratory failure with pulmonary eosinophilia. Am J Med 1989 Jul;87(1):93–4
Mahdyoon H, Brymer JF, Alam M, Khaja F. Anomalous right coronary artery from the pulmonary artery presenting with angina and aneurysmal left ventricular dilatation. Am Heart J 1989 Jul;118(1):182–4
Maher K see **Kalloo AN**
Mahler DA see **Harver A**
Mahmood I see **Kessler KM**
Mahoney J see **Morris SF**
Maier DB see **Luciano AA**
Maier T, Holda JH, Claman HN. Murine natural suppressor cells in the newborn, in bone marrow, and after cyclophosphamide. Genetic variations and dependence on IFN-gamma. J Immunol 1989 Jul 15;143(2):491–8
Maigaard S see **Børlum KG**
Mail JT see **Cory DA**
Maisey M see **Hollands MJ**
Maizels M see **McVary KT**
Maizels M see **Smith FL**
Maizlish N see **Blanc PD**
Majerovics A see **Dannemann AF**
Mak TW see **Biondi A**
Mäkelä O see **Seppälä I**
Mäkeläinen A see **Michelsen T**
Makley JT, Joyce MJ. Unicameral bone cyst (simple bone cyst). Orthop Clin North Am 1989 Jul;20(3):407–15
Makowka L see **Wilson BJ**
Makowka L see **Yanaga K**
Makowski FF see **Buenafe AC**
Makris N see **Kondakis XG**
Malangoni MA see **Livingston DH**
Malcolm AD see **Ward P**
Malejczyk J see **Luger TA**
Malek TR, Shevach EM, Danis KM. Activation of T lymphocytes through the Ly-6 pathway is defective in A strain mice. J Immunol 1989 Jul 15;143(2):439–45
Maley MB see **Kim CR**
Mali WP see **Scholten FG**
Malik A see **Bhasin D**
Malik RL, Horwitz DL, McNabb WL, Takaki ET, Hawkins HA, Keys AG, Unterman TG. Adjustment of caloric intake based on self-monitoring in noninsulin-dependent diabetes mellitus: development and feasibility. J Am Diet Assoc 1989 Jul;89(7):960–1
Malini S see **Mallette LE**
Malinin T see **Mnaymneh W**
Malleson P, Petty RE, Fung M, Candido EP. Reactivity of antinuclear antibodies with histones and other antigens in juvenile rheumatoid arthritis. Arthritis Rheum 1989 Jul; 32(7):919–23
Mallette LE, Malini S. The role of parathyroid ultrasonography in the management of primary hyperparathyroidism. Am J Med Sci 1989 Jul;298(1):51–8
Malliani A. Arterial baroreflex abnormalities in heart failure: reversal after orthotopic cardiac transplantation [letter] Circulation 1989 Jul;80(1):218
Mallon SM see **Topaz O**
Malloy GB see **Hyman RB**
Malluche HH, Faugere MC. Renal osteodystrophy [editorial; comment] N Engl J Med 1989 Aug 3;321(5):317–9. **Comment on:** N Engl J Med 1989 Aug 3;321(5): 274–9
Malone MJ, Libertino JA, Tsapatsaris NP, Woods BO. Preoperative and surgical management of pheochromocytoma. Urol Clin North Am 1989 Aug; 16(3):567–82 (38 ref.)
Maloney N see **Forsyth D**
Maloney WJ see **Csongradi JJ**
Maloy WL see **Mattson DH**
Maloy WL see **Shimojo N**
Mampalam TJ, Rosegay H, Andrews BT, Rosenblum ML, Pitts LH. Nonoperative treatment of spinal epidural infections. J Neurosurg 1989 Aug;71(2):208–10
Manara AR see **Park GR**
Manasco PK, Pescovitz OH, Hill SC, Jones JM, Barnes KM, Hench KD, Loriaux DL, Cutler GB Jr. Six-year results of luteinizing hormone releasing hormone (LHRH) agonist treatment in children with LHRH-dependent precocious puberty. J Pediatr 1989 Jul;115(1):105–8
Manchanda R see **Conlon P**
Manchester D, Woollacott M, Zederbauer-Hylton N, Marin O. Visual, vestibular and somatosensory contributions to balance control in the older adult. J Gerontol 1989 Jul; 44(4):M118–27
Mancini GB see **Starling MR**
Mandahl N see **Lundgren R**
Mandel G see **Sills MN**
Mandel JS see **Olsen GW**
Mandeli J see **Shapiro E**
Mandell J see **Bauer SB**
Mandell J see **Docimo SG**
Mandell J see **Joseph DB**
Mandell J see **Peters CA**
Mandell LR see **LaQuaglia MP**
Mandelli F see **Avvisati G**
Mandos LA see **Bond WS**
Mangano DT see **Leung JM**
Mangione EJ see **Valway SE**
Mangione JA, Zuliani MF, Del Castillo JM, Nogueira EA, Arie S. Percutaneous double balloon mitral valvuloplasty in pregnant women. Am J Cardiol 1989 Jul 1;64(1):99–102
Mangia B. Long-term effects of methyl isocyanate [letter] Lancet 1989 Jul 8;2(8654):103
Manifold IH see **Ramakrishnan S**
Manivel JC, Reinberg Y, Niehans GA, Fraley EE. Intratubular germ cell neoplasia in testicular teratomas and epidermoid cysts. Correlation with prognosis and possible biologic significance. Cancer 1989 Aug 1;64(3):715–20
Manivel JC see **Reinberg Y**
Mann J see **Edington JD**
Mann KS see **Chan KH**
Männel DN see **Falk W**
Manning WG see **Keeler EB**
Manny J see **Roisman I**
Manolis AS, Rastegar H, Payne D, Cleveland R, Estes NA 3d. Surgical therapy for drug-refractory ventricular tachycardia: results with mapping-guided subendocardial resection. J Am Coll Cardiol 1989 Jul;14(1):199–208
Manolis AS, Estes NA 3d. Reversal of electrophysiologic effects of flecainide on the accessory pathway by isoproterenol in the Wolff-Parkinson-White syndrome. Am J Cardiol 1989 Jul 15;64(3):194–8
Manousos O, Economidou I. Immunoproliferative small bowel disease [letter] Gastroenterology 1989 Aug; 97(2):556–7
Mansberger AR JR see **DeLaurier GA**
Mansberger AR Jr see **Sherman JC**
Mansel RW see **Flook D**
Mansfield LE. Gastroesophageal reflux and asthma. Postgrad Med 1989 Jul;86(1):265–9 (18 ref.)
Mansfield P see **Stehling MK**
Mansi JL, Hanks GW. Drainage of malignant effusions [letter] Lancet 1989 Jul 1;2(8653):43
Mantero-Atienza E see **Fordyce-Baum MK**
Mantovani A see **Biondi A**
Manyari DE see **Robinson VJ**
Manzanares J see **Regueiro JR**
Maor M see **Austin-Seymour M**
Marano N, Holowka D, Baird B. Bivalent binding of an anti-CD3 antibody to Jurkat cells induces association of the T cell receptor complex with the cytoskeleton. J Immunol 1989 Aug 1;143(3):931–8
Maraskovsky E, Chen WF, Shortman K. IL-2 and IFN-gamma are two necessary lymphokines in the development of cytolytic T cells. J Immunol 1989 Aug 15;143(4):1210–4
Marazziti D see **Castrogiovanni P**
Marberger M, Türk C, Steinkogler I. Piezoelectric extracorporeal shock wave lithotripsy in children. J Urol 1989 Aug;142(2):349–52
Marcadis ML see **Hatton RC**
Marcel YL see **Whitlock ME**
March R see **Desai D**
Marchandise B, Schroeder E, Bosly A, Doyen C, Weynants P, Kremer R, Pouleur H. Early detection of doxorubicin cardiotoxicity: interest of Doppler echocardiographic analysis of left ventricular filling dynamics. Am Heart J 1989 Jul;118(1):92–8
Marchi A see **Ciufolini MG**
Marchionni N see **Bertini G**
Marcuard SP, Sinar DR, Silverman JF, Finley JL. Gastric ulcer healing after laser treatment in dogs. Dig Dis Sci 1989 Jul;34(7):1053–6
Marcus FI see **Nolan PE Jr**
Marcus M see **Wolff MS**
Marcus ML see **Rumberger JA**
Marcus SG see **Glaspy JA**
Marcusson EG see **Smith ML**
Marder VJ. Comparison of thrombolytic agents: selected hematologic, vascular and clinical events. Am J Cardiol 1989 Jul 5;64(2):2A–7A; discussion 24A–26A (35 ref.)
Marek J see **McKeever LS**
Marelli O see **Labeta MO**
Margetts B see **Cade J**
Margheri M see **Bertini G**
Margiotta M see **Elias JM**
Margolick J see **Miotti PG**
Margulies D see **Glen PM**
Margulies M see **Voto LS**
Marie JP, Dehesdin D, Ducastelle T, Senant J. Selective reinnervation of the abductor and adductor muscles of the canine larynx after recurrent nerve paralysis. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):530–6
Mårild S, Jodal U, Orskov I, Orskov F, Svanborg Edén C. Special virulence of the Escherichia coli O1:K1:H7 clone in acute pyelonephritis. J Pediatr 1989 Jul;115(1):40–5
Marin O see **Manchester D**
Marini JJ. Should PEEP be used in airflow obstruction? [editorial] Am Rev Respir Dis 1989 Jul;140(1):1–3
Marini JJ see **Wright PE**
Marino PE, Franzblau A, Lilis R, Landrigan PJ. Acute lead poisoning in construction workers: the failure of current protective standards. Arch Environ Health 1989 May-Jun; 44(3):140–5
Mark DH see **Garnick DW**
Mark J see **Bondeson L**
Mark JB. Systolic venous waves cause spurious signs of arterial hemoglobin desaturation. Anesthesiology 1989 Jul; 71(1):158–60
Mark LP see **Breger RK**
Mark PW see **Doyle DJ**
Markin RS see **Ness MJ**
Markolf KL, Pattee GA, Strum GM, Gallick GS, Sherman OH, Nuys V, Dorey FJ. Instrumented measurements of laxity in patients who have a Gore-Tex anterior cruciate-ligament substitute. J Bone Joint Surg [Am] 1989 Jul;71(6):887–93
Markovits Y see **Ophir E**
Markowitz T see **Benditt DG**
Marks JL, Light JK. Management of urinary incontinence after prostatectomy with the artificial urinary sphincter. J Urol 1989 Aug;142(2):302–4
Marks JS. Multiple joint replacements in rheumatoid arthritis [letter] Br J Rheumatol 1989 Aug;28(4):362
Marks KE, Bauer TW. Fibrous tumors of bone. Orthop Clin North Am 1989 Jul;20(3):377–93 (74 ref.)
Markusse HM, Haan J, Tan WD, Breedveld FC. Anterior spinal artery syndrome in systemic lupus erythematosus. Br J Rheumatol 1989 Aug;28(4):344–6
Marlin A see **Erickson D**
Marmarou A see **Muizelaar JP**
Marmot MG see **McKeigue PM**
Maródi L, Kalmár A, Szabó I. Opsonic activity in serum from septic infants treated with intravenous immunoglobulin. Arch Dis Child 1989 Apr;64(4):530–4
Maroldi R see **Nicolai P**
Maroli M see **Ciufolini MG**
Marom Z see **Som PM**
Maroney TP see **Cragg AH**
Marrero DG see **Golden MP**
Marsch JT see **Zuccarello M**
Marsh DG see **Golden DB**
Marsh F see **Altmann P**
Marsh HM, Gillespie DJ, Baumgartner AE. Timing of tracheostomy in the critically ill patient. Chest 1989 Jul; 96(1):190–3
Marsh JW see **Wilson BJ**

Marsh MN see **Moriarty KJ**
Marshall G, Kerr S, Vowels M, O'Gorman-Hughes D, White L. Antiemetic therapy for chemotherapy-induced vomiting: metoclopramide, benztropine, dexamethasone, and lorazepam regimen compared with chlorpromazine alone. J Pediatr 1989 Jul;115(1):156–60
Marshall G see **Bellinger MF**
Marshall GR see **Abeyawardene SA**
Marshall JE. Student attrition: is lack of support a key? Nurs Outlook 1989 Jul–Aug;37(4):176–8
Marshall JH see **Noe HN**
Marshall-Carlson L see **McEver RP**
Martens CL see **Bonnefoy JY**
Martens MG, Faro S, Hammill HA, Riddle GD, Smith D. Transcervical uterine cultures with a new endometrial suction curette: a comparison of three sampling methods in postpartum endometritis. Obstet Gynecol 1989 Aug; 74(2):273–6
Marth EH see **Ryser ET**
Marti B, Tuomilehto J, Korhonen HJ, Kartovaara L, Vartiainen E, Pietinen P, Puska P. Smoking and leanness: evidence for change in Finland. BMJ 1989 May 13; 298(6683):1287–90
Marti-Bonmati L, Menor F, Gomez J, Cortina H, Garcia Ibarra F. Value of sonography in true complete diphallia. J Urol 1989 Aug;142(2):356–7
Marti-Bonmati L, Ruiz Perales F, Catala F, Mata JM, Calonge E. CT findings in Swyer-James syndrome. Radiology 1989 Aug;172(2):477–80
Martin BR see **Crippen DW**
Martin C see **Weingarden SI**
Martin CA see **Romond EH**
Martin DL see **Reeve G**
Martin E see **Bedossa P**
Martin E see **Boesch C**
Martin H see **Mattingly D**
Martin HG, Warren JR, Dunn MM. The pulmonary clearance of smooth and rough strains of Pseudomonas aeruginosa. Am Rev Respir Dis 1989 Jul;140(1):206–10
Martin JK Jr see **Johnson CH**
Martin KA see **Hopkins CC**
Martin KJ, McConkey CL, Garcia JC, Montani D, Betts CR. Protein kinase-A and the effects of parathyroid hormone on phosphate uptake in opossum kidney cells. Endocrinology 1989 Jul;125(1):295–301
Martin LK see **Kang Y**
Martin MA see **de Groote MA**
Martin N, Sterkers O, Mompoint D, Julien N, Nahum H. Cholesterol granulomas of the middle ear cavities: MR imaging. Radiology 1989 Aug;172(2):521–5
Martin NA see **King WA**
Martin RP see **Qureshi SA**
Martin RW 3d, Wylie N. Teaching third-year medical students how to care for terminally ill patients. Acad Med 1989 Jul;64(7):413–4
Martin TC see **Canter CE**
Martin TJ see **Akatsu T**
Martin TW, Weisman IM, Zeballos RJ, Stephenson SR. Exercise and hypoxia increase sickling in venous blood from an exercising limb in individuals with sickle cell trait. Am J Med 1989 Jul;87(1):48–56
Martin-Smith P see **Mills JA**
Martinez HL see **Dickerman HW**
Martinez JS see **Rizkallah MF**
Martinez LA, Miller KN, Brown RH, Lynch MG. The Nd:YAG laser removal of cyanoacrylate used to repair conjunctival wound leaks. Am J Ophthalmol 1989 Jul 15; 108(1):86–7
Martinez S see **Nokes SR**
Martinez-Ródenas F, Oms LM, Carulla X, Segura M, Sancho JJ, Piera C, Fernández-Espina MR, Sitges-Serra A. Measurement of body water compartments after ligation of the common bile duct in the rabbit. Br J Surg 1989 May;76(5):461–4
Martinez-Rodenas F see **Nubiola P**
Martinez Vazquez JM see **Pigrau C**
Martins JM see **Pisco JM**
Marton KI see **Koran LM**
Martyny JW see **Valway SE**
Maruno K see **Yamaguchi K**
Maruschak GF, Johnson RM. Pulse oximeter cost per use—securing savings [letter] Anesthesiology 1989 Jul; 71(1):167–8
Maruyama M see **Yoshida E**
Maruyama Y see **Hayashi A**
Marwick C. Surgeon general's final target: drunk driving [news] JAMA 1989 Jul 14;262(2):181
Marwick C. Congress puts pressure on scientists to deal with difficult questions of research integrity [news] JAMA 1989 Aug 11;262(6):734–5
Marwick C. Court backs states on abortion [news] JAMA 1989 Jul 28;262(4):451–2
Marwick C. What to do about dietary saturated fats? [news] JAMA 1989 Jul 28;262(4):453
Marx R, Aral SO. Gonorrhea rates: what denominator is most appropriate? [letter] Am J Public Health 1989 Aug; 79(8):1057–8
Maryanski J see **Hedley ML**
Marzelle J see **Dartevelle P**
Masada MP see **Goodman SB**
Masaki T see **Miyauchi T**
Masaryk TJ see **VanDyke C**
Masciarelli M see **Trentin L**
Mascola L, Sorvillo F, Neal J, Iwakoshi K, Weaver R. Surveillance of listeriosis in Los Angeles County, 1985–1986. A first year's report. Arch Intern Med 1989 Jul;149(7):1569–72
Maselli MA see **Pezzolla F**
Maser MR see **Apfelberg DB**
Maseri A see **Pupita G**
Masjedi MR, Estineh N, Bahadori M, Alavi M, Sprince NL. Pulmonary complications in lead miners. Chest 1989 Jul; 96(1):18–21
Maslack MM see **Foley M**
Mason AD Jr see **Graves TA**
Mason JB see **Rosenberg IH**
Mason JO. From the Assistant Secretary for Health. JAMA 1989 Jul 28;262(4):457
Mason PH see **Riggs MW**
Mason RM see **Georgiade NG**
Mason T see **Elkins TE**
Mason WP see **McIndoe GA**
Mason-Brothers A see **Ritvo ER**
Masotto C, Wisniewski G, Negro-Vilar A. Different gamma-aminobutyric acid receptor subtypes are involved in the regulation of opiate-dependent and independent luteinizing hormone-releasing hormone secretion. Endocrinology 1989 Jul;125(1):548–53
Massarano AA, Brook CG, Hindmarsh PC, Pringle PJ, Teale JD, Stanhope R, Preece MA. Growth hormone secretion in Turner's syndrome and influence of oxandrolone and ethinyl oestradiol. Arch Dis Child 1989 Apr;64(4):587–92
Massey JM see **Sanders DB**
Massie BM see **Tubau JF**
Masson RG see **Walek JW**
Masson V. Clinical scholarship and the pragmatic practitioner. Nurs Outlook 1989 Jul–Aug;37(4):160
Masta S see **Raghu G**
Masters CL see **Nochlin D**
Mastrobattista JD see **Austin JH**
Mastrucci MT see **Dennehy PJ**
Masuda I see **Ishikawa K**
Masuda T see **Mori Y**
Masuhara K see **Takaoka K**
Masumi S see **Torisu T**
Masur H, Ognibene FP, Yarchoan R, Shelhamer JH, Baird BF, Travis W, Suffredini AF, Deyton L, Kovacs JA, Falloon J, et al. CD4 counts as predictors of opportunistic pneumonias in human immunodeficiency virus (HIV) infection. Ann Intern Med 1989 Aug 1;111(3):223–31
Masys DR. Biotechnology computing: information science for the era of molecular medicine. Acad Med 1989 Jul; 64(7):379–81
Mata J see **Gervasi LA**
Mata JM see **Marti-Bonmati L**
Matesanz R see **Pascual J**
Math M see **Yap I**
Matherly JA see **Spielman FJ**
Mathern GW, Batzdorf U. Grisel's syndrome. Cervical spine clinical, pathologic, and neurologic manifestations. Clin Orthop 1989 Jul;(244):131–46 (52 ref.)
Mathew RJ, Wilson WH, Tant S. Responses to hypercarbia induced by acetazolamide in panic disorder patients. Am J Psychiatry 1989 Aug;146(8):996–1000
Mathews M see **Sadat A**
Mathiowitz E see **Howard MA 3d**
Mathuno H see **Ohno K**
Matkovich DA see **Tocci MJ**
Matloff JM see **Czer LS**
Maton PN, Norton JA, Nieman LK, Doppman JL, Jensen RT. Multiple endocrine neoplasia type II with Zollinger-Ellison syndrome caused by a solitary pancreatic gastrinoma. JAMA 1989 Jul 28;262(4):535–7
Maton PN, Mackem SM, Norton JA, Gardner JD, O'Dorisio TM, Jensen RT. Ovarian carcinoma as a cause of Zollinger-Ellison syndrome. Natural history, secretory products, and response to provocative tests. Gastroenterology 1989 Aug;97(2):468–71
Matragrano A see **Macaluso RA**
Matsuda I see **Motohara K**
Matsuda M see **Miyake K**
Matsuda M see **Onodera T**
Matsuda T see **Hayakawa K**
Matsuhisa M see **Ohe T**
Matsukane I see **Motohara K**
Matsumoto M, Oka H, Oshibuchi T. An increase in prostacyclin accompanies reduction of blood pressure following peritoneal closure in patients undergoing cesarean section [letter] Anesthesiology 1989 Jul;71(1):170
Matsumoto T, Kumazawa J, van der Auwera P. Suppression of leukocyte function and intracellular content of ATP in hyperosmotic condition comparable to the renal medulla. J Urol 1989 Aug;142(2):399–402
Matsuno S see **Suzuki M**
Matsuo H see **Shibata K**
Matsuoka Y see **Yoshida E**
Matsushima K see **Mukaida N**
Matsuyama K see **Oshima S**
Matsuyama T see **Komatsu R**
Matsuzaki M see **Ono K**
Mattacks CA see **Evans J**
Matthews JI, Bush BA, Ewald FW. Exercise responses during incremental and high intensity and low intensity steady state exercise in patients with obstructive lung disease and normal control subjects. Chest 1989 Jul;96(1):11–7
Matthyase S see **Holzman PS**
Mattingly D, Martin H, Tyler C. Fluorimetric method for simultaneous estimation of cortisol, corticosterone, and testosterone in plasma. J Clin Pathol 1989 Jun;42(6):661–6
Mattioli C see **Truong LD**
Mattle H see **Edelman RR**
Mattrey RF, Hilpert PL, Long CD, Long DM, Mitten RM, Peterson T. Hemodynamic effects of intravenous lecithin-based perfluorocarbon emulsions in dogs. Crit Care Med 1989 Jul;17(7):652–6
Mattson DH, Shimojo N, Cowan EP, Baskin JJ, Turner RV, Shvetsky BD, Coligan JE, Maloy WL, Biddison WE. Differential effects of amino acid substitutions in the beta-sheet floor and alpha-2 helix of HLA-A2 on recognition by alloreactive viral peptide-specific cytotoxic T lymphocytes. J Immunol 1989 Aug 15;143(4):1101–7
Mauer SM, Steffes MW, Azar S, Brown DM. Effects of sorbinil on glomerular structure and function in long-term-diabetic rats. Diabetes 1989 Jul;38(7):839–46
Mauer SM, Caplan A, Nevins TE, Najarian JS. Renal transplantation for children [letter] JAMA 1989 Jul 21; 262(3):348
Mauldin D see **Wenger DR**
Maull KI. Dispelling fatalism in a cause-and-effect world: 1989 Eastern Association for the Surgery of Trauma presidential address. J Trauma 1989 Jun;29(6):752–6
Maull KI see **Dutky PA**
Maull KI see **Reath DB**
Maunder R see **Bone RC**
Maunoury V see **Brunetaud JM**
Maupin WB see **Naul LG**
Maurer B see **O'Sullivan J**
Maurer DJ, Merkow RL, Gustilo RB. Infection after intramedullary nailing of severe open tibial fractures initially treated with external fixation. J Bone Joint Surg [Am] 1989 Jul;71(6):835–8
Maurer G see **Czer LS**
Maurer PK see **Nussbaum CE**
Maurice D. Ophthalmic solutions, the ocular surface, and a unique therapeutic artificial tear formulation [letter] Am J Ophthalmol 1989 Jul 15;108(1):94–5
Mawad J see **Truong LD**
Maxson B, Sindet-Pedersen S, Tideman H, Fonseca RJ, Zijlstra G. Multicenter follow-up study of the transmandibular implant. J Oral Maxillofac Surg 1989 Aug; 47(8):785–9
Maxwell K, Ammerman A, McGaghie WC, Bryan CH, Simpson RJ Jr. Providing heart-healthy alternatives at cardiology meetings: grilled salmon or beef tenderloin? Am J Cardiol 1989 Jul 1;64(1):111–3
Maxwell WL see **Gennarelli TA**
May IA see **Young JN**
May LT see **Mizutani H**
May LT see **Perlmutter DH**
Maybee D see **Gormley TS**
Mayberg MR see **Howard MA 3d**
Mayer H see **Mayer TG**
Mayer H see **Naveh-Many T**
Mayer TG, Mooney V, Gatchel RJ, Barnes D, Terry A, Smith S, Mayer H. Quantifying postoperative deficits of physical function following spinal surgery. Clin Orthop 1989 Jul; (244):147–57
Mayerhofer A, Bartke A, Amador AG, Began T. Histamine affects testicular steroid production in the golden hamster. Endocrinology 1989 Jul;125(1):560–2
Mayes KR see **Nicolson SC**
Mayo J see **Koopmans RA**
Mayon-White RT, Frankenberg RA. "Boil the water" [letter] Lancet 1989 Jul 22;2(8656):216
Mayon-White RT see **Tudor-Williams G**
Maze M see **Doze VA**
Mazlarz R see **Tomkinson BE**
Mazier D see **Nudelman S**
Mazloomdoost M, Klain M, Nemoto EM, Lin MR, Lee-Foon W. Vaporizer for volatile anesthetics during high-frequency jet ventilation. Anesthesiology 1989 Jul; 71(1):150–3
Mazor M see **Leiberman JR**
Mazoujian G see **Remmler D**
Mazur MT see **Visscher DW**
Mazzaferri EL see **Weiland JE**
Mazzucco A see **Milano AD**
Meacham RB, Scardino PT, Hoffman GS, Easley JD, Wilbanks JH, Carlton CE Jr. The risk of distant metastases after transurethral resection of the prostate versus needle biopsy in patients with localized prostate cancer. J Urol 1989 Aug;142(2):320–5
Meade TW see **Thompson SG**
Meadow SR see **Choonara IA**
Meadows CA see **Blocker DE**
Meakins J see **Christou NV**
Mealey J Jr see **Shapiro S**
Mealey J Jr see **Shapiro WR**
Meals RA see **Loitz BJ**
Medalie JH see **Kahn HA**
Medearis DN Jr, Holmes LB. On the use of anencephalic infants as organ donors. N Engl J Med 1989 Aug 10; 321(6):391–3
Medeiros C see **Peteet JR**
Medina M see **Dickman CA**
Meek RN. The role of orthopedic surgery in modern

Canadian trauma: 1988 Fraser B. Gurd lecture. J Trauma 1989 Jun;29(6):716–8
Meenan A see **Gravdal JA**
Meenan RF see **Anderson JJ**
Meester H see **de Feyter PJ**
Mehdorn M see **Rünzi MW**
Mehle ME, Adamo JP, Mehta AC, Wiedemann HP, Keys T, Longworth DL. Endobronchial Mycobacterium avium-intracellulare infection in a patient with AIDS. Chest 1989 Jul;96(1):199–201
Mehta A see **Richards-Kortum R**
Mehta AC see **Mehle ME**
Mehta S see **Bhasin D**
Mehta VS see **Colohan AR**
Meier B, Carlier M, Finci L, Nukta E, Urban P, Niederhauser W, Favre J. Magnum wire for balloon recanalization of chronic total coronary occlusions. Am J Cardiol 1989 Jul 15;64(3):148–54
Meier DR, Samper ER. Evolution of civil aeromedical helicopter aviation. South Med J 1989 Jul;82(7):885–91
Meijer S see **Kallenberg CG**
Mein CE, Flynn HW Jr. Augmentation of local anesthesia during retinal detachment surgery. Arch Ophthalmol 1989 Jul;107(7):1084
Meineke TA see **Sedmak DD**
Meinert CL see **Hetherington J**
Meinertz T see **Hasenfuss G**
Meirik O see **Klebanoff MA**
Mela GS see **Savarino V**
Meland NB see **Woods JE**
Melander A see **Groop LC**
Melange M see **van Beers B**
Melato M, Laurino L, Mucli E, Valente M, Okuda K. Relationship between cirrhosis, liver cancer, and hepatic metastases. An autopsy study. Cancer 1989 Jul 15; 64(2):455–9
Mele G see **Ferrara F**
Melevendi C see **Zurlo MG**
Meloni BP, Lymbery AJ, Thompson RC. Characterization of Giardia isolates using a non-radiolabeled DNA probe, and correlation with the results of isoenzyme analysis. Am J Trop Med Hyg 1989 Jun;40(6):629–37
Melzer SM, Vermund SH, Shelov SP. Needle injuries among pediatric housestaff physicians in New York City. Pediatrics 1989 Aug;84(2):211–4
Mena I see **Pascual JA**
Menard SM see **Park MK**
Menashe DS see **Jacobs SC**
Mendelson DN. Competition, regulation, and hospital cost [letter] JAMA 1989 Jul 21;262(3):353
Mendelson EB, Harris KM, Doshi N, Tobon H. Infiltrating lobular carcinoma: mammographic patterns with pathologic correlation. AJR Am J Roentgenol 1989 Aug; 153(2):265–71
Mendelson MH see **Behrman RE**
Mendez M see **Sanchez-Burson J**
Mendius RK see **Covington JS**
Menezes AH see **Dyste GN**
Meng TK see **Seidenwurm D**
Menger MD see **Barker JH**
Menick FJ see **Burget GC**
Menon M see **Diamond DA**
Menor F see **Marti-Bonmati L**
Merboldt KD see **Bruhn H**
Mercer CD see **Moon BC**
Mercer RW see **Gilmore-Hebert M**
Merchant RE see **Bechard DE**
Mereada JT see **McGuire MH**
Merhige ME, Garza D. Positron emission tomography of the heart: mapping flow and metabolism in vivo. Mayo Clin Proc 1989 Jun;64(6):716–9 (15 ref.)
Merkow RL see **Maurer DJ**
Merlob P. Fetal death: diagnosis and management [letter] Am J Obstet Gynecol 1989 Jul;161(1):254
Merrell SW, Gilbertson JJ, Albo D Jr, Mintz SJ. Atraumatic hemobilia arising from a cirrhotic liver. Surgery 1989 Jul; 106(1):105–9
Merriam AE, Kay SR, Opler LA, Ramirez PM. Information processing deficit in schizophrenia: a frontal lobe sign? [letter] Arch Gen Psychiatry 1989 Aug;46(8):760
Mert A see **Kaya IS**
Merten DF see **Santrach PJ**
Merton DA see **Mitchell DG**
Mertzlufft F see **Heinrichs W**
Merz B. Is cancer adaptation gone awry? [news] JAMA 1989 Aug 11;262(6):733–4
Merz B. 700 genes mapped at world workshop [news] JAMA 1989 Jul 14;262(2):175
Merz B. Nuclear weapons facilities face attacks from environmentalists, government agencies [news] JAMA 1989 Aug 4;262(5):604–5
Messerli FH see **Grossman E**
Messerli FH see **Schmieder RE**
Messinger A, Radkowski MA, Greenwald MJ, Pensler JM. Orbital roof fractures in the pediatric population. Plast Reconstr Surg 1989 Aug;84(2):213–6; discussion 217–8
Messmer K see **Barker JH**
Messori A see **Longo G**
Mestas JL see **Ponchon T**
Metcalfe DD. Diseases of food hypersensitivity [editorial; comment] N Engl J Med 1989 Jul 27;321(4):255–7. Comment on: N Engl J Med 1989 Jul 27;321(4): 228–32
Metch B see **Schuller DE**
Mettler D see **Gertsch M**
Mettlin C, Selenskas S, Natarajan N, Huben R. Beta-carotene and animal fats and their relationship to prostate cancer risk. A case-control study. Cancer 1989 Aug 1;64(3):605–12
Metzer WS see **Golden WE**
Mewissen MW see **Jacobs SC**
Meydani M see **Hellerstein MK**
Meydani M see **Seitz HK**
Meydani SN see **Hellerstein MK**
Meyer B see **Beglinger C**
Meyer B see **Pfisterer M**
Meyer BM, Werth BA, Beglinger C, Hildebrand P, Jansen JB, Zach D, Rovati LC, Stalder GA. Role of cholecystokinin in regulation of gastrointestinal motor functions. Lancet 1989 Jul 1;2(8653):12–5
Meyer BR see **Gottridge JA**
Meyer J see **Mohr-Kahaly S**
Meyer JE see **Bright RA**
Meyer JE see **Davis SP**
Meyer JE see **Stomper PC**
Meyer KB see **Hagen MD**
Meyers AR, Lett S, Grigg-Saito D, Sabati C. Health care in the United States: a course for refugee health workers [news] Am J Public Health 1989 Aug;79(8):1051–2
Meyers BR see **Behrman RE**
Meyers D see **Raghu G**
Meyers FA, Dempsey D, Caroline D, Fisher RS. Duodenal diverticulum as cause of cyclic vomiting [letter] Dig Dis Sci 1989 Jul;34(7):1148–9
Meyers SN see **Chokshi SK**
Miadonna A, Tedeschi A, Arnoux B, Sala A, Zanussi C, Benveniste J. Evidence of PAF-acether metabolic pathway activation in antigen challenge of upper respiratory airways. Am Rev Respir Dis 1989 Jul;140(1):142–7
Mianulli M see **Benditt DG**
Mibu R see **Itoh H**
Micale J see **Ibrahim IM**
Michael A see **Weiss EA**
Michaely PA see **Tompkins MB**
Michalkiewicz M, Huffman LJ, Connors JM, Hedge GA. Alterations in thyroid blood flow induced by varying levels of iodine intake in the rat. Endocrinology 1989 Jul; 125(1):54–60
Michalski JP see **McCombs CC**
Michel JB, Quertermous T. Modulation of mRNA levels for urinary- and tissue-type plasminogen activator and plasminogen activator inhibitors 1 and 2 in human fibroblasts by interleukin 1. J Immunol 1989 Aug 1; 143(3):890–5
Michelsen B see **Atar D**
Michelsen T, Salmela L, Tigerstedt I, Mäkeläinen A, Linko K. Massive blood transfusion: is there a limit? Crit Care Med 1989 Jul;17(7):699–700
Michenfelder JD see **Saidman LJ**
Michnovicz JJ see **Galbraith RA**
Michotey GA see **Carabalona BJ**
Micka AF see **Foster DL**
Micksche M see **Luger TA**
Middelkamp JN. Combined medicine/pediatrics training programs. Pediatrics 1989 Jul;84(1):181–2
Middleton MH see **Dintzis RZ**
Mieler WF see **Williams GA**
Mihara H see **Yoshida E**
Mihm MC Jr see **Weinstock MA**
Miki T, Yamamuro T, Shikata J, Iida H, Futami T, Nakashima Y. Congenital soft-part chondroma. A case report. Clin Orthop 1989 Jul;(244):244–8
Mikulis DJ see **Kuhn MJ**
Mikuriya Y see **Katsoka H**
Milano AD, Bortolotti U, Mazzucco A, Guerra F, Magni A, Gallucci V. Aortic valve replacement with the Hancock standard, Björk-Shiley, and Lillehei-Kaster prostheses. A comparison based on follow-up from 1 to 15 years. J Thorac Cardiovasc Surg 1989 Jul;98(1):37–47
Milde JH see **Lanier WL**
Miles C see **Ishioka GY**
Miles C see **Sette A**
Miles JM see **Rodriguez NR**
Miles KA. PET scanning [letter] BMJ 1989 Apr 29; 298(6681):1177
Miles SH see **Lantos JD**
Miles WM see **Stanton MS**
Mileski R see **Kander NH**
Milev A see **Christov K**
Mill M see **Tazelaar HD**
Millar EA see **Grogan DP**
Miller A, Lipson WE, Isaacsohn JL, Schoen FJ, Lees RS. Intraoperative angioscopy: principles of irrigation and description of a new dedicated irrigation pump. Am Heart J 1989 Aug;118(2):391–9
Miller A, Thornton JC. Reference equations for the single-breath diffusing capacity [letter] Am Rev Respir Dis 1986 Jun;133(6):1210–1
Miller AB, Risch HA. Diet and lung cancer. Chest 1989 Jul; 96(1 Suppl):8S–9S (20 ref.)
Miller AM see **Holtzman JL**
Miller BR see **Monath TP**
Miller D see **Yap I**
Miller DL see **Doppman JL**
Miller E see **Weissler MC**
Miller FB, Shumate CR, Richardson JD. Myocardial contusion. When can the diagnosis be eliminated? Arch Surg 1989 Jul;124(7):805–7; discussion 807–8
Miller FB see **Livingston DH**
Miller FN see **Reed MW**
Miller FW see **Plotz PH**
Miller G. Minor congenital anomalies and ataxic cerebral palsy. Arch Dis Child 1989 Apr;64(4):557–62
Miller GJ. Antithrombotic therapy in the primary prevention of acute myocardial infarction. Am J Cardiol 1989 Jul 18; 64(4):29B–32B
Miller HI see **Barbash GI**
Miller JE see **Politis MJ**
Miller JF see **Harrison LC**
Miller JH see **Stanley P**
Miller JM. Practical tips on reducing hazards of falls [letter] Am J Public Health 1989 Aug;79(8):1056
Miller JP see **Krone RJ**
Miller JR see **Valway SE**
Miller KN see **Martinez LA**
Miller ME, Cosgriff JM, Forbes GB. Bromide space determination using anion-exchange chromatography for measurement of bromide. Am J Clin Nutr 1989 Jul; 50(1):168–71
Miller MF see **Sherman CB**
Miller MW see **Morse HC 3d**
Miller P, Wikoff R, McMahon M, Garrett MJ, Ringel K, Collura D, Siniscalchi K, Sommer S, Welsh N. Personal adjustments and regimen compliance 1 year after myocardial infarction. Heart Lung 1989 Jul;18(4):339–46
Miller P see **Wikoff RL**
Miller PL see **Swett HA**
Miller R see **Chatila T**
Miller RD see **Fahey MR**
Miller TR see **Arrivé L**
Miller TR see **Cohen MB**
Millet B, Higenbottam TW, Flower CD, Stewart S, Wallwork J. The radiographic appearances of infection and acute rejection of the lung after heart-lung transplantation. Am Rev Respir Dis 1989 Jul;140(1):62–7
Millner A see **Wong F**
Millner R, Treasure T, Swanton H. Percutaneous balloon valve dilatation [letter] BMJ 1989 Apr 29;298(6681):1181–2
Mills EL see **Kramer MS**
Mills GQ see **Howat PM**
Mills JA, Martin-Smith P. Biological equivalence between fractionated radiotherapy treatments [letter] Br J Radiol 1989 Jun;62(738):565–6
Mills JL see **Robison JG**
Mills NL, Bringaze WL 3d. Preparation of the internal mammary artery graft. Which is the best method? J Thorac Cardiovasc Surg 1989 Jul;98(1):73–7; discussion 78–9
Mills P. Training for coronary angioplasty [letter] BMJ 1989 May 13;298(6683):1310–1
Mills PK, Beeson WL, Phillips RL, Fraser GE. Cohort study of diet, lifestyle, and prostate cancer in Adventist men. Cancer 1989 Aug 1;64(3):598–604
Mills PK, Beeson WL, Phillips RL, Fraser GE. Prospective study of exogenous hormone use and breast cancer in Seventh-day Adventists. Cancer 1989 Aug 1;64(3):591–7
Mills PK, Beeson WL, Phillips RL, Fraser GE. Dietary habits and breast cancer incidence among Seventh-day Adventists. Cancer 1989 Aug 1;64(3):582–90
Mills PK see **Beeson WL**
Mills TJ, Smith HC, Vlietstra RE. PTCA in the elderly: results and expectations. Geriatrics 1989 Jul;44(7):71–2, 77–9 (11 ref.)
Millward SF. Routine transbrachial angiography [letter] Radiology 1989 Aug;172(2):577
Milne MJ, Sung RY, Fok TF, Crozier IG. Doppler echocardiographic assessment of shunting via the ductus arteriosus in newborn infants. Am J Cardiol 1989 Jul 1; 64(1):102–5
Milne RW see **Whitlock ME**
Milner PC, Brazier JE, Nicholl JP, Ross B, Johnson AG. Evaluating gallbladder lithotripsy [letter] Lancet 1989 Jul 1;2(8653):51
Milner RD see **Corkill JA**
Milroy EJ see **James S**
Milstein S see **Benditt DG**
Miltgen F see **Nudelman S**
Minden MD see **Biondi A**
Minelli R see **Roti E**
Mineta H see **Kimura T**
Minette SE, Kimmel DW. Subdural hematoma in patients with systemic cancer. Mayo Clin Proc 1989 Jun; 64(6):637–42
Mingay DJ see **Jobe JB**
Mininberg DT, Sosa RE, Neidt G, Poe C. Laser welding of pedicled flap skin tubes. J Urol 1989 Aug;142(2 Pt 2):623–5; discussion 631
Mink JH, Deutsch AL. Magnetic resonance imaging of the knee. Clin Orthop 1989 Jul;(244):29–47 (56 ref.)
Minkin RB see **Picascia DD**
Minkwitz JA see **Wolf SL**
Minna JD. Genetic events in the pathogenesis of lung cancer. Chest 1989 Jul;96(1 Suppl):17S–23S (126 ref.)
Minnard EA. Topical antibiotics in high-risk biliary surgical patients [letter] Am J Surg 1989 Jul;158(1):79
Minne H see **Herzog A**
Mintz M, Rapaport R, Oleske JM, Connor EM, Koenigsberger

MR, Denny T, Epstein LG. Elevated serum levels of tumor necrosis factor are associated with progressive encephalopathy in children with acquired immunodeficiency syndrome. Am J Dis Child 1989 Jul; 143(7):771–4
Mintz SJ see **Merrell SW**
Miotti PG, Nelson KE, Dallabetta GA, Farzadegan H, Margolick J, Clements ML. The influence of HIV infection on antibody responses to a two-dose regimen of influenza vaccine. JAMA 1989 Aug 11;262(6):779–83
Mirell CJ see **Pang XP**
Mirowitz S, Sartor K, Gado M, Torack R. Focal signal-intensity variations in the posterior internal capsule: normal MR findings and distinction from pathologic findings. Radiology 1989 Aug;172(2):535–9
Mirowitz SA see **Canter CE**
Mirro J Jr see **Pui CH**
Mirsky PJ see **Mitchell DG**
Mirvis SE see **Cornwell EE 3d**
Misener V see **Cairns E**
Mishaw CO see **Demmler GJ**
Misra SP, Dwivedi M. Hepatitis A vaccine [letter] Lancet 1989 Jul 8;2(8654):114
Mitchell AS, Holland JT. Fluconazole and phenytoin: a predictable interaction. BMJ 1989 May 13;298(6683):1315
Mitchell BD see **Stern MP**
Mitchell DG, Vinitski S, Rifkin MD, Burk DL Jr. Sampling bandwidth and fat suppression: effects on long TR/TE MR imaging of the abdomen and pelvis at 1.5 T. AJR Am J Roentgenol 1989 Aug;153(2):419–25
Mitchell DG, Merton DA, Mirsky PJ, Needleman L. Circle of Willis in newborns: color Doppler imaging of 53 healthy full-term infants. Radiology 1989 Jul;172(1):201–5
Mitchell DG, Steinberg ME, Dalinka MK, Rao VM, Fallon M, Kressel HY. Magnetic resonance imaging of the ischemic hip. Alterations within the osteonecrotic, viable, and reactive zones. Clin Orthop 1989 Jul;(244):60–77
Mitchell ES see **Howard G**
Mitchell JB see **Alexander AH**
Mitchell JM see **Roberts AB**
Mitchell K see **Swanson A**
Mitchell LB, Wyse DG, Gillis AM, Duff HJ. Electropharmacology of amiodarone therapy initiation. Time courses of onset of electrophysiologic and antiarrhythmic effects. Circulation 1989 Jul;80(1):34–42
Mitchell MC see **Mullin GE**
Mitchell ME see **Hubbard RC**
Mitchell ME see **Woodbury PW**
Mitchell P see **Simpson TF**
Mitelman F see **Lundgren R**
Mitenko PA, McKenzie JK, Sitar DS, Penner SB, Aoki FY. Nadolol antihypertensive effect and disposition in young and elderly adults with mild to moderate essential hypertension. Clin Pharmacol Ther 1989 Jul;46(1):56–62
Mitsuma T see **Sobue G**
Mitsutani N see **Kashiwagi T**
Mittal RK see **Freidin N**
Mitten RM see **Mattrey RF**
Mitty HA see **Sanborn TA**
Miura T see **Hishikawa Y**
Miura Y see **Muroi K**
Miyagawa S, Sakamoto K. Adverse reactions to griseofulvin in patients with circulating anti-SSA/Ro and SSB/La autoantibodies. Am J Med 1989 Jul;87(1):100–2
Miyagi H see **Oshima S**
Miyahara T see **Kamihara S**
Miyake A see **Kimura T**
Miyake C see **Harioka T**
Miyake H see **Okabe S**
Miyake K, Matsuda M, Inaba M. Corneal endothelial changes in pseudoexfoliation syndrome. Am J Ophthalmol 1989 Jul 15;108(1):49–52
Miyake Y see **Yamaguchi K**
Miyamoto MH see **de Paola AA**
Miyasaka K, Nakamura R, Kitani K. Effects of trypsin inhibitor (camostate) on pancreas and CCK release in young and old female rats. J Gerontol 1989 Jul; 44(4):M136–40
Miyaska Y see **Endo M**
Miyata T, Yokoyama I, Todo S, Tzakis A, Selby R, Starzl TE. Endotoxaemia, pulmonary complications, and thrombocytopenia in liver transplantation. Lancet 1989 Jul 22;2(8656):189–91
Miyauchi T, Yanagisawa M, Tomizawa T, Sugishita Y, Suzuki N, Fujino M, Ajisaka R, Goto K, Masaki T. Increased plasma concentrations of endothelin-1 and big endothelin-1 in acute myocardial infarction [letter] Lancet 1989 Jul 1; 2(8653):53–4
Mizanin J see **Cohen AR**
Mizrahi S, Bickel A, Haj M, Lunski I, Shtamler B. Posttraumatic autotransplantation of spleen tissue. Arch Surg 1989 Jul;124(7):863–5
Mizuguchi T see **Kochi T**
Mizuhara H see **Yokota M**
Mizushima A see **Smith AS**
Mizutani H, May LT, Sehgal PB, Kupper TS. Synergistic interactions of IL-1 and IL-6 in T cell activation. Mitogen but not antigen receptor-induced proliferation of a cloned T helper cell line is enhanced by exogenous IL-6. J Immunol 1989 Aug 1;143(3):896–901
Mnaymneh W, Malinin T. Massive allografts in surgery of bone tumors. Orthop Clin North Am 1989 Jul;20(3):455–67
Mo A see **Ritvo ER**
Moak SW see **Driskell JA**
Moake JL. Insolubilized von Willebrand factor and the initial events in hemostasis [editorial] J Lab Clin Med 1989 Jul; 114(1):1–3
Mobassaleh M, Gross SK, McCluer RH, Donohue-Rolfe A, Keusch GT. Quantitation of the rabbit intestinal glycolipid receptor for Shiga toxin. Further evidence for the developmental regulation of globotriaosylceramide in microvillus membranes. Gastroenterology 1989 Aug; 97(2):384–91
Moberg LJ see **Newman RS**
Moberg PJ see **Pearlson GD**
Mocchegiani E, Boemi M, Fumelli P, Fabris N. Zinc-dependent low thymic hormone level in type I diabetes. Diabetes 1989 Jul;38(7):932–7
Mock DL see **Stanley TH**
Modan M see **Barbash GI**
Modanlou HD see **Ginoza G**
Modi A see **Banavali SD**
Modi N. Treatment of renal failure in neonates [letter] Arch Dis Child 1989 Apr;64(4):630–1
Modic MT see **Berns DH**
Modic MT see **VanDyke C**
Modica PA see **Tempelhoff R**
Moel DI see **Sachs HK**
Moens HJ see **Bakker FC**
Mogensen K, Skibsted L, Wadt J, Nissen F. Thrombectomy of acute iliofemoral venous thrombosis during pregnancy. Surg Gynecol Obstet 1989 Jul;169(1):50–4
Mogi G see **Watanabe N**
Mogle P see **Avital A**
Mohaideen AH see **Tanchajja S**
Mohan JC, Khalilullah M, Arora R. Left ventricular intrinsic contractility in pure rheumatic mitral stenosis. Am J Cardiol 1989 Jul 15;64(3):240–2
Mohan S see **Jennings JC**
Mohanty PK, Arrowood JA, Ellenbogen KA, Thames MD. Neurohumoral and hemodynamic effects of lower body negative pressure in patients with congestive heart failure. Am Heart J 1989 Jul;118(1):78–85
Mohanty PK see **Ellenbogen KA**
Mohanty PK see **Imam K**
Mohiuddin RH see **Bogren HG**
Mohiuddin SM see **Del Core MG**
Mohler ER Jr see **Kim CR**
Mohr FW see **Litvack F**
Mohr-Kahaly S, Erbel R, Rennollet H, Wittlich N, Drexler M, Oelert H, Meyer J. Ambulatory follow-up of aortic dissection by transesophageal two-dimensional and color-coded Doppler echocardiography. Circulation 1989 Jul;80(1):24–33
Mohri H see **Yamaki S**
Möhring S see **Ruder H**
Moises VA, Maciel BC, Swensson RE, Valdes-Cruz LM, Daily PO, Sahn DJ. Left coronary artery-to-pulmonary artery communication (a late postoperative complication after the Takeuchi procedure for repair of anomalous origin of left coronary artery from the pulmonary artery) detected by color Doppler flow mapping. Am Heart J 1989 Aug; 118(2):407–10
Mojica MA see **Berkowitz GS**
Mojzisik C see **Nieroda CA**
Mok CK see **Sham JS**
Mok E see **Bárány M**
Mok Q, Underhill G, Wonke B, Aldouri M, Kelsey M, Jefferies D. Intradermal hepatitis B vaccine in thalassaemia and sickle cell disease. Arch Dis Child 1989 Apr; 64(4):535–40
Mokhless I see **Houle AM**
Mokhtarian F, Grob D, Griffin DE. Role of the immune response in Sindbis virus-induced paralysis of SJL/J mice. J Immunol 1989 Jul 15;143(2):633–7
Molavi A. Pentamidine for the prevention and treatment of P. carinii pneumonia. Am Fam Physician 1989 Jul; 40(1):195–200 (24 ref.)
Moldawsky RJ. The impatient unit director [letter] Am J Psychiatry 1989 Aug;146(8):1080–1
Molenaar JC see **Provoost AP**
Molina E see **Benditt DG**
Molina PL see **Siegel MJ**
Moll GW Jr see **Cara JF**
Moller D see **Wang PH**
Moltzen S see **Koran LM**
Mølvig J see **Atar D**
Mompoint D see **Brauner MW**
Mompoint D see **Martin N**
Monath TP, Ballinger ME, Miller BR, Salaun JJ. Detection of yellow fever viral RNA by nucleic acid hybridization and viral antigen by immunocytochemistry in fixed human liver. Am J Trop Med Hyg 1989 Jun;40(6):663–8
Mond JJ see **Fultz M**
Monden M see **Gotoh M**
Monder C see **Phillips DM**
Mondino BJ see **Donzis PB**
Money S see **Rieger R**
Mongiardo N, De Rienzo B, Squadrini F. Pentamidine salts [letter] Lancet 1989 Jul 8;2(8654):108
Monnier P see **Mosimann F**
Monreal M, Lafoz E, Navarro A, Granero X, Caja V, Caceres E, Salvador R, Ruiz J. A prospective double-blind trial of a low molecular weight heparin once daily compared with conventional low-dose heparin three times daily to prevent pulmonary embolism and venous thrombosis in patients with hip fracture. J Trauma 1989 Jun;29(6):873–5
Monroe MC see **Paulus DA**
Monson F see **Lin AT**
Montalescot G, Thomas D, Drobinski G, Evans JI, Vicaut E, Chatellier G, Whyte RI, Busquet P, Bejean-Lebuisson A, Grosgogeat Y. Clinical and ultrasound results after aortic valve replacement: intermediate-term follow-up with the St. Jude Medical prosthesis. Am Heart J 1989 Jul; 118(1):104–13
Montamat SC, Cusack BJ, Vestal RE. Management of drug therapy in the elderly. N Engl J Med 1989 Aug 3; 321(5):303–9 (78 ref.)
Montani D see **Martin KJ**
Montarello JK see **Rosenthal E**
Monteagudo I see **Nuñez JM**
Monteagudo J see **Escolar G**
Montgomery DG see **Starling MR**
Montie JE see **Angermeier KW**
Montigny M see **Perrault H**
Montorsi P see **DeCesare N**
Montuori R see **Ferrara F**
Moody TW see **Korman LY**
Moon BC, Woolfson IK, Mercer CD. Neodymium:yttrium-aluminum-garnet laser vaporization for palliation of obstructing esophageal carcinoma. J Thorac Cardiovasc Surg 1989 Jul;98(1):11–4; discussion 14–5
Mooney MR see **Goldenberg IF**
Mooney V see **Mayer TG**
Mooppan UM see **Gulmi FA**
Moore AD, Godwin JD, Müller NL, Naidich DP, Hammar SP, Buschman DL, Takasugi JE, de Carvalho CR. Pulmonary histiocytosis X: comparison of radiographic and CT findings. Radiology 1989 Jul;172(1):249–54
Moore C. Need for a patient advocate. JAMA 1989 Jul 14; 262(2):259–60
Moore DH, Fowler WC Jr, Walton LA, Droegemueller W. Morbidity of lymph node sampling in cancers of the uterine corpus and cervix. Obstet Gynecol 1989 Aug;74(2):180–4
Moore EE see **Moore FA**
Moore FA, Moore EE, Jones TN, McCroskey BL, Peterson VM. TEN versus TPN following major abdominal trauma--reduced septic morbidity. J Trauma 1989 Jul; 29(7):916–22; discussion 922–3
Moore KL see **McEver RP**
Moore M see **Chackal-Roy M**
Moore MR see **Hissom JR**
Moore P, Winter JS. Failure of neonatal screening for hypothyroidism [letter] J Pediatr 1989 Jul;115(1):169–70
Moore R see **DelRossi AJ**
Moore TJ, Green SA, Garland DE. Severe trauma to the lower extremity: long-term sequelae. South Med J 1989 Jul;82(7):843–4
Moore WV see **Donaldson DL**
Moore WV see **Kover K**
Moos RH see **Lemke S**
Mor-Yosef S see **Heyd J**
Mora JO see **Lutter CK**
Moradian GP see **Epstein DH**
Morales LM, Estévez J, Suárez H, Villalobos R, Chacín de Bonilla L, Bonilla E. Nutritional evaluation of Huntington disease patients. Am J Clin Nutr 1989 Jul;50(1):145–50
Moran F see **Blair A**
Moran JM see **Cross JS**
Moran JS, Bernard KW. The spread of chloroquine-resistant malaria in Africa. Implications for travelers. JAMA 1989 Jul 14;262(2):245–8 (20 ref.)
Moran M see **Weatherby F**
Mordoh J see **Ballare C**
Moreau DL, Weissman M, Warner V. Panic disorder in children at high risk for depression. Am J Psychiatry 1989 Aug;146(8):1059–60
Morecki S, Slavin S, Ben-Sasson SA. Selective abrogation of alloreactivity via priming in the presence of aphidicolin, a specific inhibitor of DNA polymerase. J Immunol 1989 Aug 1;143(3):838–43
Moreno S see **Berenguer J**
Moretti M see **Savarino V**
Morfini M see **Longo G**
Morgan D see **Wenger DR**
Morgan JJ see **Riggs JE**
Morgan JN see **Herzog AR**
Morgese G see **Chiarelli F**
Mori H, Aikawa H, Hirao K, Futagawa S, Fukuda T, Maeda H, Hayashi K. Exophytic spread of hepatobiliary disease via perihepatic ligaments: demonstration with CT and US. Radiology 1989 Jul;172(1):41–6
Mori K, Daitoh T, Irahara M, Kamada M, Aono T. Significance of D-mannose as a sperm receptor site on the zona pellucida in human fertilization. Am J Obstet Gynecol 1989 Jul;161(1):207–11
Mori K see **Hatano Y**
Mori MT see **Zeimer RC**
Mori T see **Fukuoka M**
Mori T see **Gotoh M**
Mori T see **Kosugi S**
Mori Y, Fukuma K, Adachi Y, Shigeta K, Kannagi R, Tanaka H, Sakai M, Kuribayashi K, Uchino H, Masuda T. Parietal cell autoantigens involved in neonatal thymectomy-induced murine autoimmune gastritis. Studies

using monoclonal autoantibodies. Gastroenterology 1989 Aug;97(2):364–75
Moriarty KJ, Loft D, Marsh MN, Brooks ST, Gordon D, Garner GV. Holy communion wafers and celiac disease [letter] N Engl J Med 1989 Aug 3;321(5):332
Morii N see Itoh H
Morishige K see Kimura T
Morishima HO, Pedersen H, Santos AC, Schapiro HM, Finster M, Arthur GR, Covino BG. Adverse effects of maternally administered lidocaine on the asphyxiated preterm fetal lamb. Anesthesiology 1989 Jul;71(1):110–5
Moriyama S see Hatano Y
Morizono T see Hamaguchi Y
Morley GW see Reid GC
Mornet E see Simon-Bouy B
Morowitz HJ. Twenty books clad in black or red. Hosp Pract [Off] 1989 Jul 15;24(7):207–8
Moroz C, Kahn M, Ron E, Luria H, Chaimoff C. The use of oncofetal ferritin-bearing lymphocytes as a marker for the screening, diagnosis, and follow-up of patients with early breast malignancy screening of 3400 women. Cancer 1989 Aug 1;64(3):691–7
Morreim EH. Conflicts of interest. Profits and problems in physician referrals. JAMA 1989 Jul 21;262(3):390–4
Morrey BF see Rand JA
Morris AH see Crapo RO
Morris JA see Nelson M
Morris JA Jr, Slaton J, Gibbs D. Vascular organ procurement in the trauma population. J Trauma 1989 Jun;29(6):782–7; discussion 787–8
Morris JA Jr see Lee RB
Morris JA Jr see MacKenzie EJ
Morris JG see Vary TC
Morris JG Jr see Kotloff KL
Morris R see Henderson FW
Morris SF, Pang CY, Mahoney J, Lofchy N, Kaddoura IL, Patterson R, Lista F. Effect of capsulectomy on the hemodynamics and viability of random-pattern skin flaps raised on expanded skin in the pig. Plast Reconstr Surg 1989 Aug;84(2):314–22; discussion 323–4
Morrison AS see Bright RA
Morrison J see Ong L
Morrison NJ, Fairbarn MS, Pardy RL. The effect of breathing frequency on inspiratory muscle endurance during incremental threshold loading. Chest 1989 Jul; 96(1):85–8
Morrison RC see Sutej PG
Morrissette M see Blair A
Morrissey PJ see Watson JD
Morse HC 3d, Yetter RA, Via CS, Hardy RR, Cerny A, Hayakawa K, Hugin AW, Miller MW, Holmes KL, Shearer GM. Functional and phenotypic alterations in T cell subsets during the course of MAIDS, a murine retrovirus-induced immunodeficiency syndrome. J Immunol 1989 Aug 1; 143(3):844–50
el-Morsi Z see Hafez M
Mörsky PJ see Vuorinen PI
Mortimer RH see Yap AS
Morton AL, Taylor EW, Lindsay G, Wells GR. A multicenter study to compare cefotetan alone with cefotetan and metronidazole as prophylaxis against infection in elective colorectal operations. Surg Gynecol Obstet 1989 Jul; 169(1):41–5
Morton P see Richardson SG
Moseley IF see Travis RC
Moseley JM see Akatsu T
Moseley ME see Karczmar GS
Moseley ME see Lang P
Moser AH see Feingold KR
Moser KM. A look from the inside [editorial] Am Rev Respir Dis 1986 Jun;133(6):1204
Moses JJ, Poker ID. TMJ arthroscopic surgery: an analysis of 237 patients. J Oral Maxillofac Surg 1989 Aug; 47(8):790–4
Mosimann F, Brossard E, Monnier P. Treating early cancer of the esophagus after Lugol-combined endoscopy detection [letter] Ann Surg 1989 Jul;210(1):125
Mosqueda L see Arquilla ER
Moss AH see Riggs JE
Moss CJ see Park GR
Most AS see McKendall GR
Motohara K, Matsukane I, Endo F, Kiyota Y, Matsuda I. Relationship of milk intake and vitamin K supplementation to vitamin K status in newborns. Pediatrics 1989 Jul; 84(1):90–3
Mottonen L see Holtzman JL
Mouelhi MM see Brauner MW
Moulton JS, Munda R, Weiss MA, Lubbers DJ. Pancreatic transplants: CT with clinical and pathologic correlation. Radiology 1989 Jul;172(1):21–6
Mountain CF. Value of the new TNM staging system for lung cancer. Chest 1989 Jul;96(1 Suppl):47S–49S
Mountford AP, Coulson PS, Saunders N, Wilson RA. Characteristics of protective immunity in mice induced by drug-attenuated larvae of Schistosoma mansoni. Antigen localization and antibody responses. J Immunol 1989 Aug 1;143(3):989–95
Moura R see Feldman M
Mouser LT see DeWood MA
Mowat NA see Crofton RW
Moxley RT 3d, Ricker K, Kingston WJ, Böhlen R. Potassium uptake in muscle during paramyotonic weakness. Neurology 1989 Jul;39(7):952–5
Moxon ER see Tudor-Williams G
Moxon RK. One more good reason for not smoking [letter] Postgrad Med 1989 Jul;86(1):30
Moya FR see Dworetz AR
Mrazik TJ, Cookson ET, Hopkins L. Antibiotic overprescribing—quantity or quality? [letter] JAMA 1989 Jul 14;262(2):206
Mrose HE see Shin JH
Mtasiwa DM see Imamura N
Muchmore AV see Sherblom AP
Mucli E see Melato M
Mudd LM see Werner H
Muechler EK see Small SL
Mugnano A see Corbo GM
Muhly M see Seeger W
Muizelaar JP, Marmarou A, DeSalles AA, Ward JD, Zimmerman RS, Li Z, Choi SC, Young HF. Cerebral blood flow and metabolism in severely head-injured children. Part 1: Relationship with GCS score, outcome, ICP, and PVI. J Neurosurg 1989 Jul;71(1):63–71
Muizelaar JP, Ward JD, Marmarou A, Newlon PG, Wachi A. Cerebral blood flow and metabolism in severely head-injured children. Part 2: Autoregulation. J Neurosurg 1989 Jul;71(1):72–6
Mukai K see Shimosato Y
Mukaida N, Shiroo M, Matsushima K. Genomic structure of the human monocyte-derived neutrophil chemotactic factor IL-8. J Immunol 1989 Aug 15;143(4):1366–71
Mukoyama M see Itoh H
Muldoon J see Lichtig LK
Mulinare J see Chávez GF
Mulinare J see Khoury MJ
Mullan B see Hayes AA
Muller DW, Ellis SG, Topol EJ. Atherectomy of the left main coronary artery with percutaneous cardiopulmonary bypass support. Am J Cardiol 1989 Jul 1;64(1):114–6
Muller JE see Hands ME
Muller JE see Stone PH
Muller JE see Tofler GH
Müller NL see Moore AD
Müller-Brand J see Pfisterer M
Müller-Quernheim J, Krönke M, Strausz J, Schykowski M, Ferlinz R. Interleukin-2 receptor gene expression by bronchoalveolar lavage lymphocytes in pulmonary sarcoidosis. Am Rev Respir Dis 1989 Jul;140(1):82–8
Müller-Schwefe G, Penn RD. Physostigmine in the treatment of intrathecal baclofen overdose. Report of three cases. J Neurosurg 1989 Aug;71(2):273–5
Mulley GP see Penn ND
Mullican CN see Kumar VN
Mullin GE, Greenson JK, Mitchell MC. Fulminant hepatic failure after ingestion of sustained-release nicotinic acid. Ann Intern Med 1989 Aug 1;111(3):253–5
Mullins AP see Reed MW
Mullins CE see Ali Khan MA
Mulrow JP see Robinson K
Mulrow PJ see Shier DN
Mulshine JL, Treston AM, Natale RB, Kasprzyk PG, Avis I, Nakanishi Y, Cuttitta F. Autocrine growth factors as therapeutic targets in lung cancer. Chest 1989 Jul;96(1 Suppl):31S–34S (26 ref.)
Mulvagh SL see Johnston DL
Mulvihill D see Giznrossi R
Mumford J see Henderson FW
Mumtaz G, Ridgway GL, Nayagam A, Oriel JD. Enzyme immunoassay compared with cell culture and immunofluorescence for detecting genital chlamydia. J Clin Pathol 1989 Jun;42(6):658–60
Munan L see Trebucq A
Munda R see Moulton JS
Mundie TG, Ainsworth SK. Etiopathogenic mechanisms of bronchoconstriction in byssinosis—a review. Am Rev Respir Dis 1986 Jun;133(6):1181–5
Mundy DC see Lindsay MK
Munn JS see Sicard GA
Muñoz A see Latorre G
Munro A see Jones PF
Munsat TL see Siddique T
Murakami K see Ohno K
Murakami M, Ide C, Kanaya H. Regeneration in the rat optic nerve after cold injury. J Neurosurg 1989 Aug;71(2):254–65
Murali S, Uretsky BF, Reddy PS, Griffith BP, Hardesty RL, Trento A. Hemodynamic abnormalities following cardiac transplantation: relationship to hypertension and survival. Am Heart J 1989 Aug;118(2):334–41
Murata T, Yoshida T, Takanari H, Toyoda N, Sakakura T, Liu PI. Bilateral diffuse nephroblastomatosis, pancortical type. A case report with immunohistochemical investigations. Arch Pathol Lab Med 1989 Jul; 113(7):729–34
Muravyova L see Baranov A
Murayama F see Kawa-Ha K
Muroi K, Ito M, Sasaki R, Suda T, Sakamoto S, Miura Y. Treatment of drug-induced agranulocytosis with granulocyte-colony stimulating factor [letter] Lancet 1989 Jul 1;2(8653):55
Murphy CC see Floyd RL
Murphy CE, Ratnavel RG, Davidson AC. Mineralocorticoid deficiency in HIV infection [letter] BMJ 1989 Apr 29; 298(6681):1181
Murphy DA see Sullivan JA
Murphy DJ, Murray AM, Robinson BE, Campion EW. Outcomes of cardiopulmonary resuscitation in the elderly. Ann Intern Med 1989 Aug 1;111(3):199–205
Murphy DW, Faust KB, Chiantella VM, Castell DO. Assessment of accuracy of intraesophageal pH probe in a dog model. Dig Dis Sci 1989 Jul;34(7):1079–84
Murphy GF see Jaworsky C
Murphy LJ see Luo JM
Murphy M, Seagroatt V. Sex ratio in singleton and multiple births after infertility treatment [letter] Lancet 1989 Jul 22; 2(8656):215
Murphy NP, Rennie J, Cooke RW. Cranial ultrasound assessment of gestational age in low birthweight infants. Arch Dis Child 1989 Apr;64(4):569–72
Murphy PK. Heart failure secondary to diastolic dysfunction [letter] Arch Intern Med 1989 Jul;149(7):1695
Murphy SB see Pui CH
Murphy TF see Hayden GF
Murray A, Basu R, Fairclough PD, Wood RF. Gallstone lithotripsy with the pulsed dye laser: in vitro studies. Br J Surg 1989 May;76(5):457–60
Murray AM see Murphy DJ
Murray F, Hutton P. Gelling of urea-linked gelatin with fresh frozen plasma. Anaesthesia 1989 May;44(5):392–3
Murray JA see Carrasco CH
Murray PA see Winkler JR
Murray PD see Epstein DH
Murray PI see Travis RC
Murray RD see Ducharme HM
Murray-Ross D see Peteet JR
Murtagh JG see Richardson SG
Murthy GV, Visalakshi P. Use of ghee during delivery [letter] Lancet 1989 Jul 8;2(8654):109–10
Murube-del-Castillo J, Cortés Rodrigo D. Technique for endocapsular insertion of an intraocular lens. Am J Ophthalmol 1989 Jul 15;108(1):87
Muscettola G, Pampallona S, Barbato G, Casiello M, Bollini P. Tardive dyskinesia in Italy: preliminary findings [letter] Arch Gen Psychiatry 1989 Aug;46(8):754–5
Muscie-Taylor BH see Penn ND
Musk AW see Hayes AA
Mustaciuolo VW, Brahney CP, Aria AA. Recurrent keratocysts in basal cell nevus syndrome: review of the literature and report of a case. J Oral Maxillofac Surg 1989 Aug;47(8):870–3 (9 ref.)
Mutalik PG see Swett HA
Mutch DW see Utley JR
Mutch L see Dennis J
Muto H, Takizawa Y. Dioxins in cigarette smoke. Arch Environ Health 1989 May-Jun;44(3):171–4
Myara A see Labrune P
Myerburg RJ see Kessler KM
Myerburg RJ see Topaz O
Myerowitz PD see Starling RC
Myers EN see Guggenheimer J
Myers JL. Bronchocentric granulomatosis. Disease or diagnosis? [editorial] Chest 1989 Jul;96(1):3–4
Myers S see Eldridge R
Myers SL, Slowman SD, Brandt KD. Radiation synovectomy stimulates glycosaminoglycan synthesis by normal articular cartilage. J Lab Clin Med 1989 Jul;114(1):27–35
Myles AB see Ridley MG
Myles JL see Ratliff NB

N

Nabavi N see St-Pierre Y
Nachamie M see Rentrop KP
Nadel A see Greene MF
Nadkarni KS see Banavali SD
Naessens JM see Gracey DR
Naff GB see Schirmer WJ
Nagasawa H see Wanidworanun C
Nagasue N, Kohno H, Chang YC, Galizia G, Hayashi T, Yukaya H, Nakamura T. Intraoperative ultrasonography in resection of small hepatocellular carcinoma associated with cirrhosis. Am J Surg 1989 Jul;158(1):40–2
Nagasue N, Galizia G, Kohno H, Chang YC, Hayashi T, Yamanoi A, Nakamura T, Yukaya H. Adverse effects of preoperative hepatic artery chemoembolization for resectable hepatocellular carcinoma: a retrospective comparison of 138 liver resections. Surgery 1989 Jul; 106(1):81–6
Nagata M, Yokono K, Hayakawa M, Kawase Y, Hatamori N, Ogawa W, Yonezawa K, Shii K, Baba S. Destruction of pancreatic islet cells by cytotoxic T lymphocytes in nonobese diabetic mice. J Immunol 1989 Aug 15; 143(4):1155–62
Nagata N see Akatsu T
Nagata T see Itoh H
Nageotte MP see Gocke SE
Nagle D. U.S. science policy: from crisis management to long-term public good [editorial] Endocrinology 1989 Jul; 125(1):1–2
Nagurka M see Wholey MH
Nagy H see Ogle CK
Nahmias C see Cleghorn JM
Nahrwold DL. The surgeon and biliary lithotripsy [editorial] Arch Surg 1989 Jul;124(7):769–70
Nahrwold DL see Werbel GB
Nahum H see Martin N
Naidich DP see Moore AD

Naigowit P see **Dance DA**
Nain M see **Heidenreich S**
Nair BD, Joseph MG, Catton GE, Lach B. Radiation therapy in lymphomatoid granulomatosis. Cancer 1989 Aug 15; 64(4):821–4
Nair CK see **Del Core MG**
Najarian JS see **Mauer SM**
Nakagawa T see **Mabry M**
Nakajima H see **Niwa K**
Nakajima T see **Shimosato Y**
Nakamura K see **Hatano Y**
Nakamura K see **Itoh H**
Nakamura M see **Egashira S**
Nakamura R see **Miyasaka K**
Nakamura T see **Nagasue N**
Nakamura Y see **Friedman E**
Nakanishi Y see **Mulshine JL**
Nakano H see **Yokota M**
Nakao K see **Itoh H**
Nakashima N see **Yokoyama K**
Nakashima S, Suganuma A, Sato M, Tohmatsu T, Nozawa Y. Mechanism of arachidonic acid liberation in platelet–activating factor–stimulated human polymorphonuclear neutrophils. J Immunol 1989 Aug 15; 143(4):1295–302
Nakashima Y see **Miki T**
Nakata S, Campbell CD, Pick R, Replogle RL. End–to–side and end–to–end vascular anastomoses with a carbon dioxide laser. J Thorac Cardiovasc Surg 1989 Jul; 98(1):57–62
Nakatani H see **Ochiai A**
Nakayama F see **Itoh H**
Namba M see **Komatsu R**
Namen AE see **Watson JD**
Nance LD 3d see **Rogers LQ**
Nance SJ, Nelson JM, Horenstein J, Arndt PA, Platt LD, Garratty G. Monocyte monolayer assay: an efficient noninvasive technique for predicting the severity of hemolytic disease of the newborn. Am J Clin Pathol 1989 Jul;92(1):89–92
Nanchahal J, Otto WR, Dover R, Dhital SK. Cultured composite skin grafts: biological skin equivalents permitting massive expansion. Lancet 1989 Jul 22;2(8656):191–3
Napier JA see **Rowe GP**
Narahara KA see **Shapiro W**
Narain JP, Lofgren JP. Epidemic of restaurant–associated illness due to Salmonella newport. South Med J 1989 Jul; 82(7):837–40
Narayanan AS see **Raghu G**
Narayanan R, Bhargava BN, Kabra SG, Sangal BC. Idiopathic sclerosing encapsulating peritonitis. Lancet 1989 Jul 15; 2(8655):127–9
Nardella FA see **Stone GC**
Nardone DA. The serologic marker CA 19–9 and pancreatic cancer [letter] Ann Intern Med 1989 Jul 15;111(2):184–5
Naruke T. Bronchoplastic and bronchovascular procedures of the tracheobronchial tree in the management of primary lung cancer. Chest 1989 Jul;96(1 Suppl):53S–56S
Nasr S, McKolanis J, Pais R, Findley H, Heath R, Waldrep K, Ragab AH. A phase I study of interleukin–2 in children with cancer and evaluation of clinical and immunologic status during therapy. A Pediatric Oncology Group Study. Cancer 1989 Aug 15;64(4):783–8
Nast CC see **Lombet JR**
Natale RB see **Mulshine JL**
Natarajan N see **Mettlin C**
Nath H see **Henzlova MJ**
Nathan CF see **de la Harpe J**
Nathwani D, Green ST. Lithium for zidovudine–induced neutropenia in AIDS [letter] JAMA 1989 Aug 11; 262(6):775–6
Nation EM, Warfield CA. Pain in the elderly. Hosp Pract [Off] 1989 Jul 15;24(7):113, 117–8
Natter HM see **Bogdanoff B**
Nau H see **Kraft JC**
Naul LG, Peet GJ, Maupin WB. Avascular necrosis of the vertebral body: MR imaging. Radiology 1989 Jul; 172(1):219–22
Nauta RJ. Cholangitis, hemobilia, and cholangiocarcinoma. Management of a fistula between an obstructed right hepatic duct and the portal vein. Cancer 1989 Jul 15; 64(2):542–6
Navarro A see **Monreal M**
Navarro V. What should be done about the uninsured poor? [letter] JAMA 1989 Jul 14;262(2):209–10
Naveh–Many T, Friedlaender MM, Mayer H, Silver J. Calcium regulates parathyroid hormone messenger ribonucleic acid (mRNA), but not calcitonin mRNA in vivo in the rat. Dominant role of 1,25–dihydroxyvitamin D. Endocrinology 1989 Jul;125(1):275–80
Nayagam A see **Mumtaz G**
Nayak RC see **Wang PH**
Nazarea M, Okajima F, Sho K, Inoue K, Kondo Y. Extracellular adenosine triphosphate completely reverses the thyrotropin–induced morphological change in FRTL–5 cells. Endocrinology 1989 Jul;125(1):100–8
Neal J see **Mascola L**
Neame PB see **Sunisloe LL**
Nedrud JG see **Liang XP**
Nee LE, Brown RT, Polinsky RJ. HLA in autonomic failure. Arch Neurol 1989 Jul;46(7):758–9
Needleman L see **Mitchell DG**
Neely SM. Adult T–cell leukemia–lymphoma. West J Med 1989 May;150(5):557–61 (68 ref.)
Negri E see **Sideri M**
Negro–Vilar A see **Masotto C**
Negro–Vilar A see **Wetsel WC**
Neidt G see **Mininberg DT**
Neilson EG see **Haverty TP**
Neki R see **Kimura T**
Nelkin B see **Mabry M**
Nelson DA. Pain in multiple sclerosis [letter] Neurology 1989 Jul;39(7):1000–1
Nelson DW see **Thurmond AS**
Nelson EB. Drug substitution and rational therapeutics. Old problems and new challenges. Postgrad Med 1989 Jul; 86(1):247–50
Nelson GS. Academic boycott of South Africa [letter] Lancet 1989 Jul 1;2(8653):50
Nelson JE. "Pilot" studies [letter] Ann Intern Med 1989 Jul 15;111(2):188–9
Nelson JM see **Nance SJ**
Nelson KE see **Miotti PG**
Nelson LA see **Cascino GD**
Nelson M, Black AE, Morris JA, Cole TJ. Between– and within–subject variation in nutrient intake from infancy to old age: estimating the number of days required to rank dietary intakes with desired precision. Am J Clin Nutr 1989 Jul;50(1):155–67
Nelson RC, Chezmar JL, Sugarbaker PH, Bernardino ME. Hepatic tumors: comparison of CT during arterial portography, delayed CT, and MR imaging for preoperative evaluation. Radiology 1989 Jul;172(1):27–34
Nelson RC see **Steinberg HV**
Nelson S see **Mahatma M**
Nemiroff PM see **Norfray JF**
Nemni R see **Franceschi M**
Nemoto EM see **Mazloomdoost M**
Nemunaitis G see **Staas WE Jr**
Nenci GG see **Balsano F**
Ness DE. Short stories about doctors and patients: a course [letter] Acad Med 1989 Jul;64(7):390–1
Ness MJ, Markin RS, Wood RP, Shaw BW Jr, Woods GL. Disseminated Trichosporon beigelii infection after orthotopic liver transplantation. Am J Clin Pathol 1989 Jul;92(1):119–23
Nesse RE. Abnormal vaginal bleeding in perimenopausal women. Am Fam Physician 1989 Jul;40(1):185–92 (13 ref.)
Nesselroade JR see **Pedersen NL**
Nestle M, Porter D. Federal nutrition policies: impact on dietetic practice. J Am Diet Assoc 1989 Jul;89(7):944–7
Nestor JJ, Likosky W, Sinclair G. Screening for sleep apnea [letter] West J Med 1989 Jun;150(6):698
Neuman M see **Langer R**
Neumann AK see **Gellert GA**
Neumann S see **Clemens PC**
Nevins TE see **Mauer SM**
Nevitt MC see **Cummings SR**
Newall J see **Kupersmith MJ**
Newbern VB. The future of nursing continuing education. Nurs Outlook 1989 Jul–Aug;37(4):182–4
Newell DW, LeRoux PD, Dacey RG Jr, Stimac GK, Winn HR. CT infusion scanning for the detection of cerebral aneurysms. J Neurosurg 1989 Aug;71(2):175–9
Newell–Morris LL, Treder RP, Shuman WP, Fujimoto WY. Fatness, fat distribution, and glucose tolerance in second–generation Japanese–American (Nisei) men. Am J Clin Nutr 1989 Jul;50(1):9–18
Newhouse JP see **Keeler EB**
Newlon PG see **Muizelaar JP**
Newman C see **Uren NG**
Newman CF, Downes NJ, Tseng RY, McProud LM, Newman LK. Nutrition–related backgrounds and counseling practices of doctors of chiropractic. J Am Diet Assoc 1989 Jul;89(7):939–43
Newman LK see **Newman CF**
Newman RS, Williams JH, Moberg LJ, Cook ML. Postpartum immunologic–mediated pulmonary edema associated with transfusion of blood containing an anti–B–lymphocyte antibody. West J Med 1989 May;150(5):584–6
Newman SP see **Johnson MA**
Newson T see **Gibbs J**
Ng G see **Zack PM**
Ng KH, Lavigneur A, Ricard L, Boivrette M, Maclean S, Cloutier D, Gibson DM. Characterization of allelic V kappa–1 region genes in inbred strains of mice. J Immunol 1989 Jul 15;143(2):638–48
Ng TH see **Fung CF**
Ng WG, Xu YK, Kaufman F, Donnell GN. Milk produced by mothers with galactosemia [letter] J Pediatr 1989 Jul; 115(1):166–7
Ng WG see **Cramer DW**
Nguyen CD, Keystone JS. Mixed falciparum and vivax malaria in Canadian travellers [letter] Can Med Assoc J 1989 Jul 15;141(2):100, 104
Nguyen DH see **Gonzalez R**
Nguyen JA see **Thaker GK**
Nice FJ see **Bromfield EB**
Nicholl JP see **Milner PC**
Nichols DG see **Spear RM**
Nichols L, Love JM, Orenchuk RP, Lach RD. Percutaneous aortic valvuloplasty procedure and implications for nursing. Heart Lung 1989 Jul;18(4):356–63 (18 ref.)
Nichols TC see **Rowe WW**
Nicholson G see **Hanson PJ**
Nicolai P, Luzzago F, Maroldi R, Falchetti M, Antonelli AR. Nasopharyngeal cysts. Report of seven cases with review of the literature. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):860–4 (41 ref.)
Nicolaides KH see **Vyas S**
Nicoll JJ, Cox PJ. Leiomyoma of the ovary with ascites and hydrothorax. Am J Obstet Gynecol 1989 Jul; 161(1):177–8
Nicolson SC, Betts EK, Jobes DR, Christianson LA, Walters JW, Mayes KR, Korevaar WC. Comparison of oral and intramuscular preanesthetic medication for pediatric inpatient surgery. Anesthesiology 1989 Jul;71(1):8–10
Nie Z see **Boström M**
Niederhauser W see **Meier B**
Niedobitek G, Herbst H, Stein H. Epstein–Barr virus/complement receptor and epithelial cells [letter] Lancet 1989 Jul 8;2(8654):110
Niehans GA see **Manivel JC**
Nielsen CH. Bleeding after intercostal nerve block in a patient anticoagulated with heparin. Anesthesiology 1989 Jul; 71(1):162–4
Nielsen JN see **Willadsen P**
Nielsen MD see **Wilken–Jensen C**
Nielsen TT see **Thomassen A**
Nieman L see **Doppman JL**
Nieman LK see **Maton PN**
Nieman LK see **Perry RR**
Niemelä S, Karttunen T, Heikkilä J, Miettausta O, Lehtola J. Relationship of Campylobacter pylori and duodenogastric reflux. Dig Dis Sci 1989 Jul;34(7):1021–4
Niemeyer C see **Chaksal–Roy M**
Nienaber CA see **Brunken RC**
Nieroda CA, Mojzisik C, Sardi A, Farrar WB, Hinkle G, Siddiqi MA, Ferrara PJ, James A, Schlom J, Thurston MO, et al. Staging of carcinoma of the breast using a hand–held gamma detecting probe and monoclonal antibody B72.3. Surg Gynecol Obstet 1989 Jul;169(1):35–40
Nightingale SC. From the Food and Drug Administration. JAMA 1989 Aug 11;262(6):740
Nightingale SL. From the Food and Drug Administration. JAMA 1989 Jul 14;262(2):184
Nihill MR see **Ali Khan MA**
Niida H see **Takeuchi K**
Nijman RJ, Ackaert K, Scholtmeijer RJ, Lock TW, Schröder FH. Long–term results of extracorporeal shock wave lithotripsy in children. J Urol 1989 Aug;142(2 Pt 2):609–11; discussion 619
Nikolic G see **Macaulay W**
Ninnemann J see **Bjerknes R**
Ninomiya T see **Kawa–Ha K**
Nio Y, Zighelboim J, Berek J, Bonavida B. Cytotoxic and cytostatic effects of the streptococcal preparation OK–432 and its subcellular fractions on human ovarian tumor cells. Cancer 1989 Jul 15;64(2):434–41
Niri M see **Kojima K**
Nishijima H see **Egashira S**
Nishimura I see **Takiguchi M**
Nishimura K see **Anegawa S**
Nishimura K see **Aoki S**
Nishina T see **Saito S**
Nishino H see **Kimura T**
Nishiwaki H see **Takeuchi K**
Nissen F see **Mogensen K**
Nissinen A see **Pekkanen J**
Nistal M, Fachal C, Paniagua R. Testicular carcinoma in situ associated with rhabdomyosarcoma of the spermatic cord. J Urol 1989 Aug;142(2):358–60
Nitsche N see **Iro H**
Niwa K, Tashima K, Terai M, Okajima Y, Nakajima H. Contrast–enhanced magnetic resonance imaging of cardiac tumors in children. Am Heart J 1989 Aug;118(2):424–5
Nixon RG, Brindley GW. Hemophilia presenting as compartment syndrome in the arm following venipuncture. A case report and review of the literature. Clin Orthop 1989 Jul;(244):176–81 (27 ref.)
Noakes T see **Posel D**
Noble S see **Eidt JF**
Nobrega FT see **Gracey DR**
Nochlin D, Sumi SM, Bird TD, Snow AD, Leventhal CM, Beyreuther K, Masters CL. Familial dementia with PrP–positive amyloid plaques: a variant of Gerstmann–Sträussler syndrome. Neurology 1989 Jul; 39(7):910–8
Noe HN, Marshall JH, Edwards OP. Nodular renal blastema in the multicystic kidney. J Urol 1989 Aug;142(2 Pt 2):486–8; discussion 489
Nogi J. Physeal arrest in purpura fulminans. A report of three cases. J Bone Joint Surg [Am] 1989 Jul;71(6):929–31
Noguchi M see **Shimosato Y**
Nogueira EA see **Mangione JA**
Nojima J see **Ueda E**
Nokes SR, Vogler JB, Spritzer CE, Martinez S, Herfkens RJ. Herniation pits of the femoral neck: appearance at MR imaging. Radiology 1989 Jul;172(1):231–4
Nolan B see **Stonebridge PA**
Nolan E see **Madden MR**
Nolan MF. Research procedure [letter] Phys Ther 1989 Jul; 69(7):618–20
Nolan MF. TENS study concerns [letter] Phys Ther 1989 Jul;69(7):621–3
Nolan PE Jr, Marcus FI, Hoyer GL, Bliss M, Gear K.

Pharmacokinetic interaction between intravenous phenytoin and amiodarone in healthy volunteers. Clin Pharmacol Ther 1989 Jul;46(1):43–50
Nolan T, Lubitz L, Oberklaid F. Single dose trimethoprim for urinary tract infection. Arch Dis Child 1989 Apr; 64(4):581–6
Nölldge G see Rössle M
Nolla HA see Edwards BS
Nolte H see Carstensen H
Nolte KB, Gelman BB. Intracerebral hemorrhage associated with cocaine abuse. Arch Pathol Lab Med 1989 Jul; 113(7):812–3
Noneman JW see Rowe WW
Norbeck JS, Anderson NJ. Psychosocial predictors of pregnancy outcomes in low-income black, Hispanic, and white women. Nurs Res 1989 Jul–Aug;38(4):204–9
Norcini JJ, Shea JA, Langdon LO, Hudson LD. First American Board of Internal Medicine critical care examination: process and results. Crit Care Med 1989 Jul; 17(7):695–8
Nordin C see Dahl-Puustinen ML
Nordlie J see Shapiro E
Norfray JF, Rybak LP, Nemiroff PM. Magnetic resonance imaging of Thornwaldt's cyst. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):569–70
Nori D see Ormsby MV
Norman D see Aoki S
Norman G see Archie CL
Norris HJ see Hartge P
Norris KC see Andress DL
Norris KC see Robertson JA
Norris MC see Leighton BL
North WG see Hyde JF
Northrop CE. Legal content in the nursing curriculum: what students need and how to provide it. Nurs Outlook 1989 Jul–Aug;37(4):200
Norton BJ, Strube MJ. Making decisions based on group designs and meta-analysis. Phys Ther 1989 Jul; 69(7):594–600
Norton FL, Davis CB, Jones PP, Goodman JW. Arsonate-specific murine T cell clones. V. Antigen presentation by L cells transfected with normal and mutant class II genes. J Immunol 1989 Jul 15;143(2):446–51
Norton JA see Doppman JL
Norton JA see Maton PN
Norton JA see Perry RR
Norton LW see Van Stiegmann G
Noseworthy JH, Vandervoort MK, Hopkins M, Ebers GC. A referendum on clinical trial research in multiple sclerosis: the opinion of the participants at the Jekyll Island workshop. Neurology 1989 Jul;39(7):977–81
Notske RN see DeWood MA
Nouri S see Kesler KA
Novascone MA, Smith EP. Frame size estimation: a comparative analysis of methods based on height, wrist circumference, and elbow breadth. J Am Diet Assoc 1989 Jul;89(7):964–6
Novick AC. Surgery for primary hyperaldosteronism. Urol Clin North Am 1989 Aug;16(3):535–45 (20 ref.)
Novick AC see Guz BV
Novotny TE see Hatziandreu EJ
Noya FJ see Kohl S
Nozawa Y see Nakashima S
Nubiola P, Badia JM, Martinez-Rodenas F, Gil MJ, Segura M, Sancho J, Sitges-Serra A. Treatment of 27 postoperative enterocutaneous fistulas with the long half-life somatostatin analogue SMS 201-995. Ann Surg 1989 Jul;210(1):56–8
Nuccio I see Lin KM
Nudelman S, Rénia L, Charoenvit Y, Yuan L, Miltgen F, Beaudoin RL, Mazier D. Dual action of anti-sporozoite antibodies in vitro. J Immunol 1989 Aug 1;143(3):996–1000
Nugent M see Bertha BG
Nugent M see Reves JG
Nukta E see Meier B
Nulsen JC see Luciano AA
Nunez BD see Schmieder RE
Nuñez JM, Monteagudo I, López-Longo FJ, Cobeta JC, Rivera J. Disseminated Mycobacterium avium-intracellulare infection in a patient with polymyositis [letter] Arthritis Rheum 1989 Jul;32(7):934–6
Nunn JF see Williams KN
Nussbaum CE, Maurer PK, McDonald JV. Vicryl (polyglactin 910) mesh as a dural substitute in the presence of pia arachnoid injury. J Neurosurg 1989 Jul;71(1):124–7
Nussbaum H see Ryoo MC
Nutik S. Carotid cave aneurysms [letter] J Neurosurg 1989 Aug;71(2):302–3
Nuys V see Markolf KL
Ny T see Galway AB
Nyberg DA. Recommendations for obstetric sonography in the evaluation of the fetal cranium [editorial; comment] Radiology 1989 Aug;172(2):309–11. **Comment on:.** **Comment on:** Radiology 1989 Aug;172(2):403–8 Radiology 1989 Aug;172(2):409–13
Nyhus LM see Donahue PE
Nyrén O see Bates S
Nyunt K see Peng AT

O

Oakeshott P, Hunt GM. Valproate and spina bifida. BMJ 1989 May 13;298(6683):1300–1
Oates RP see Baggish MS
Oatway DM see Saba VK
Obeid FN see Delius RE
Obeid FN see Sims DW
Oberklaid F see Nolan T
Obertop H see Gouma DJ
O'Brien C see Targoff IN
Ocampo HA see Shoemaker WC
O'Carroll P. CDC's approach to firearm injuries [letter] JAMA 1989 Jul 21;262(3):348–9
Ochiai A, Takanashi A, Takekura N, Nakatani H, Oda N, Kameda T, Tahara E. Establishment and characterization of cell line SFCC from clear cell adenocarcinoma of the uterine cervix. Cancer 1989 Aug 15;64(4):854–9
O'Connell DL see Henry DA
O'Connell MB see Davies SF
O'Connor BM, Clifford JS, Lawrence WD, Logue GL. Alpha-interferon for severe cold agglutinin disease. Ann Intern Med 1989 Aug 1;111(3):255–6
O'Connor GT, Sparrow D, Weiss ST. The role of allergy and nonspecific airway hyperresponsiveness in the pathogenesis of chronic obstructive pulmonary disease. Am Rev Respir Dis 1989 Jul;140(1):225–52 (227 ref.)
O'Connor JA see Amaral JF
O'Connor KM see Luketich J
O'Connor PJ. Molecular mechanisms in chemically induced cancer. Chest 1989 Jul;96(1 Suppl):24S–25S (13 ref.)
Oda N see Ochiai A
Odievre M see Labrune P
Odink J see Löwik MR
O'Donnell G see Rendell M
O'Donnell JF see Hannan EL
O'Donnell TV, Sears MR, Rea HH. Fenoterol and fatal asthma. Lancet 1989 Jul 1;2(8653):45
O'Donoghue S see Liebert HP
O'Dorisio TM see Maton PN
Oelert H see Mohr-Kahaly S
Oertel JE see Weiland JE
Oestmann J see Shin JH
Oettinger M see Ophir E
Offerhaus GJ, van de Stadt J, Huibregtse K, Tersmette AC, Tytgat GN. The mucosa of the gastric remnant harboring malignancy. Histologic findings in the biopsy specimens of 504 asymptomatic patients 15 to 46 years after partial gastrectomy with emphasis on nonmalignant lesions. Cancer 1989 Aug 1;64(3):698–703
Offord KP see Warner MA
Ogawa H see Oshima S
Ogawa I see Uchiyama M
Ogawa W see Nagata M
Ogden JA see Grogan DP
Oger JJ see Koopmans RA
Ogilvie S, Kvello-Stenstrom AG, Hammond G, Buhi WC, Larkin LH, Shiverick KT. Identification of proteins immunochemically related to human pregnancy-specific beta 1-glycoprotein in the rat placenta. Endocrinology 1989 Jul;125(1):287–94
Ogita S see Imanaka M
Ogle CK, Arita H, Nagy H, Wood S, Palkert D, Ogle JD, Alexander JW, Warden GD. The immunosuppressive effects of the in vivo administration of endotoxin as influenced by macrophages. J Trauma 1989 Jul;29(7):1015–20
Ogle JD see Ogle CK
Ognibene FP see Masur H
O'Gorman-Hughes D see Marshall G
O'Grady JG, Alexander GJ, Hayllar KM, Williams R. Early indicators of prognosis in fulminant hepatic failure. Gastroenterology 1989 Aug;97(2):439–45
Oh MS, Uribarri J, Barrido D, Landman E, Choi KC, Carroll HJ. Danger of central pontine myelinolysis in hypotonic dehydration and recommendation for treatment. Am J Med Sci 1989 Jul;298(1):41–3
Oh W see Yunis KA
Oh-Oka T see Takasaki M
O'Halloran D see Jones PM
Ohashi T, Tomoda K, Yoshie N. Electrocochleographic changes in endolymphatic hydrops induced by type II collagen immunization through the stylomastoid foramen. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):556–62
Ohe T, Konoe A, Shimizu A, Daikoku S, Kamakura S, Matsuhisa M, Aihara N, Sato I, Shimomura K. Differentiation between late potentials of right ventricular and of left ventricular origin. Am J Cardiol 1989 Jul 1; 64(1):37–41
O'Hickey SP see Arm JP
Ohira T see Ishikawa K
Ohl DA see Konnak JW
Ohno K, Yamashita M, Kushima K, Mathuno H, Fujita M, Murakami K. A loop catheter for superselective catheterization of the hepatic artery. AJR Am J Roentgenol 1989 Aug;153(2):296–8
Ohta M see Za.-Nagy I
Ohta Y see Kondo T
Ohzono K see Saito S
Oikawa M see Galway AB
Ojemann RG see Louis DN
Ojha PP see Kerjaschki D
Oka H see Matsumoto M
Oka Y see Kimura T
Okabe S, Miyake H, Yamasaki S. Effects of NC-1300, a gastric proton pump inhibitor, on healing of acetic acid-induced gastric ulcers in rats. Dig Dis Sci 1989 Jul; 34(7):1035–42
Okabe S see Takeuchi K
Okada M see Takeuchi K
Okada Y see Aoki S
Okajima F see Nazarea M
Okajima M see Dintzis RZ
Okajima Y see Niwa K
Okamoto F see Beyersdorf F
Okamura J see Gotoh M
O'Keefe JH Jr, Hartzler GO, Rutherford BD, McConahay DR, Johnson WL, Giorgi LV, Ligon RW. Left main coronary angioplasty: early and late results of 127 acute and elective procedures. Am J Cardiol 1989 Jul 15; 64(3):144–7
O'Keeffe DB see Richardson SG
O'Keeffe F, Carrasco CH, Charnsangavej C, Richli WR, Wallace S, Freedman RS. Percutaneous drainage and feeding gastrostomies in 100 patients. Radiology 1989 Aug; 172(2):341–3
O'Keeffe FN see Lorigan JG
O'Kelly B see Leung JM
O'Kelly TJ, Heather BP. General practice-based population screening for abdominal aortic aneurysms: a pilot study. Br J Surg 1989 May;76(5):479–80
Okuda K see Melato M
Okumura K see Oshima S
Okumura R see Hayakawa K
Oldendorf WH see Garber HJ
Oldfield EH see Saris SC
O'Leary BM see Snowdon DA
O'Leary JP see Burnett D
Olen R, Pickleman J, Freeark RJ. Less is better. The diagnostic workup of the patient with obstructive jaundice. Arch Surg 1989 Jul;124(7):791–4; discussion 794–5
Oleske JM see Mintz M
Olivari MT see Pierpont ME
Oliver MF. Low cholesterol and increased risk [letter] Lancet 1989 Jul 15;2(8655):163
Olivier C, Casseyre P, Vayssairat M. Future of French-language journals [letter] Lancet 1989 Jul 22; 2(8656):222
Olliff JF see Page JE
Olney A see Kraft JC
Olofsson PA see Auffermann W
O'Loughlin JE see Ichida F
Olsen DR see Lombet JR
Olsen GW, Mandel JS, Gibson RW, Wattenberg LW, Schuman LM. A case-control study of pancreatic cancer and cigarettes, alcohol, coffee and diet. Am J Public Health 1989 Aug;79(8):1016–9
Olsen KD see Triplett WW
Olson J see Goldenberg IF
Olson JD, Zaleski A, Herrmann D, Flood PA. Adhesion of platelets to purified solid-phase von Willebrand factor: effects of wall shear rate, ADP, thrombin, and ristocetin. J Lab Clin Med 1989 Jul;114(1):6–18
Olson KR see Blanc PD
Olson MC see Love L
Olson ME see Khoury AE
Olson RE. A critique of the report of the National Institutes of Health Expert Panel on detection, evaluation, and treatment of high blood cholesterol. Arch Intern Med 1989 Jul;149(7):1501–3
Olsson L see Verland S
Olsson T see Baig S
Omer H. Dr. Omer replies to letters on psychological factors in preterm childbirth [letter] Am J Psychiatry 1989 Aug; 146(8):1081
Omne-Pontén M see Holmberg L
Oms LM see Martínez-Ródenas F
O'Neill DB, Kasser JR. Juvenile hyaline fibromatosis. A case report and review of musculoskeletal manifestations. J Bone Joint Surg [Am] 1989 Jul;71(6):941–4 (26 ref.)
O'Neill PG see Johnston DL
O'Neill W see Kander NH
O'Neill WW see Kereiakes DJ
Ong JM, Kern PA. Effect of feeding and obesity on lipoprotein lipase activity, immunoreactive protein, and messenger RNA levels in human adipose tissue. J Clin Invest 1989 Jul;84(1):305–11
Ong L, Coromilas J, Zimmerman JM, Green S, Padmanabhan V, Reiser P, Bigger JT Jr, Morrison J. A physiologically based model of creatine kinase-MB release in reperfusion of acute myocardial infarction. Am J Cardiol 1989 Jul 1; 64(1):11–5
Onion DK see Schneid JA
Ono K, Shimamoto Y, Suga K, Tokioka T, Sueoka E, Matsuzaki M, Sano M, Yamaguchi M, Suzuki H, Sato H, et al. Cancer superimposed on adult T-cell leukemia. Cancer 1989 Aug 1;64(3):635–40
Ono K see Saito S
Ono K see Takaoka K
Ono SJ, Colle E, Guttmann RD, Fuks A. Interferon-gamma induces transcription and differential expression of MHC genes in rat insulinoma cell line RINm5F. Diabetes 1989 Jul;38(7):911–6
Onoda S see Imaseki H
Onodera T, Fujiwara H, Tanaka M, Wu DJ, Matsuda M, Takemura G, Ishida M, Kawamura A, Kawai C. Cineangiographic and pathological features of the infarct related vessel in successful and unsuccessful thrombolysis. Br Heart J 1989 May;61(5):385–9

Oohara T see **Kuramoto S**
Oohata Y see **Itoh H**
Ookalkar DS see **Kamble TK**
Ophir E, Oettinger M, Yagoda A, Markovits Y, Rojansky N, Shapiro H. Breech presentation after cesarean section: always a section? Am J Obstet Gynecol 1989 Jul; 161(1):25–8
Opie LH see **Posel D**
Opitz JM see **Khoury MJ**
Opler LA see **Merriam AE**
Oppenheimer JH see **Day R**
Opper SE see **Fibuch EE**
Opthof T see **Coronel R**
Orddige RJ see **Stehling MK**
Ordinas A see **Escolar G**
Ordonez NG see **Samaan NA**
Ordóñez NG see **Sneige N**
O'Reilly PH. Functional outcome of pyeloplasty for ureteropelvic junction obstruction: prospective study in 30 consecutive cases. J Urol 1989 Aug;142(2):273–6
Oren S see **Grossman E**
Orenchuk RP see **Nichols L**
Oreopoulos DG. Cost containment: informing patients [letter] Can Med Assoc J 1989 Jul 15;141(2):96
Oreto G, Luzza F, Satullo G. Progressive prolongation of the second conduction interval throughout successive 3:2 Wenckebach sequences: the double Wenckebach phenomenon. Am Heart J 1989 Aug;118(2):413–5
Organ BC, Antonacci AC, Chiao J, Chiao J, Kumar A, de Riesthal HF, Yuan L, Black D, Calvano SE. Changes in lymphocyte number and phenotype in seven lymphoid compartments after thermal injury. Ann Surg 1989 Jul; 210(1):78–89
Orgel M see **Strang J**
Oriel JD see **Mumtaz G**
Orient JM. Chemical and biological warfare. Should defenses be researched and deployed? JAMA 1989 Aug 4; 262(5):644–8 (49 ref.)
Orihel TC, Beaver PC. Zoonotic Brugia infections in North and South America. Am J Trop Med Hyg 1989 Jun; 40(6):638–47 (25 ref.)
O'Riordan JL see **Thakker RV**
Orisio S see **Benigni A**
Orloff JJ see **Centrella M**
Ormsby MV, Hilaris BS, Nori D, Brennan MF. Wound complications of adjuvant radiation therapy in patients with soft-tissue sarcomas. Ann Surg 1989 Jul;210(1):93–9
Ornitz EM, Pynoos RS. Startle modulation in children with posttraumatic stress disorder. Am J Psychiatry 1989 Jul; 146(7):866–70
Orntoft TF see **Langkilde NC**
Orr R see **Lawless S**
Orr RA see **Fuhrman BP**
Orron DE see **Simon M**
Orsini LF see **Porcu E**
Orskov F see **Mårild S**
Orskov I see **Mårild S**
Ortaldo JR see **Ferris DK**
Ortolani C see **Vighi G**
Ortuño J see **Pascual J**
Orvis BR see **Tanagho EA**
Osathanondh R, Canick JA, Abell KB, Stevens LD, Palomaki GE, Knight GJ, Haddow JE. Second trimester screening for trisomy 21 [letter] Lancet 1989 Jul 1;2(8653):52
Osher FC see **Drake RE**
Oshibuchi T see **Matsumoto M**
Oshima S, Ogawa H, Yasue H, Okumura K, Matsuyama K, Miyagi H. Increased plasma fibrinopeptide A levels during attacks induced by hyperventilation in patients with coronary vasospastic angina. J Am Coll Cardiol 1989 Jul; 14(1):150–4
Oshiro EM, Shelton C, Lusted HS. Role of perilymphatic fistula in sudden hearing loss: an animal model. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):491–5
Oski F see **Becker DM**
Osman OT see **Rudorfer MV**
Ossorio MA see **Fields CL**
Osterloh JD, Lee BL. Urine drug screening in mothers and newborns. Am J Dis Child 1989 Jul;143(7):791–3
Osterwell D see **Robbins AS**
Ostler HB see **Hussein N**
Ostroff SM, Kobayashi JM, Lewis JH. Infections with Escherichia coli O157:H7 in Washington State. The first year of statewide disease surveillance. JAMA 1989 Jul 21; 262(3):355–9
Ostrove JM see **Clouse KA**
Ostwald SK see **Snowdon DA**
O'Sullivan J, Maurer B, Towers RP. Staphylococcus aureus septicaemia: the initial presentation of polyarteritis nodosa. Br J Rheumatol 1989 Aug;28(4):347–9
Oswald N. Why not base clinical education in general practice? Lancet 1989 Jul 15;2(8655):148–9
Osypka P see **An HL**
Otamiri T, Sjödahl R. Increased lipid peroxidation in malignant tissues of patients with colorectal cancer. Cancer 1989 Jul 15;64(2):422–5
Othersen HB Jr see **Rambo WM**
O'Toole ML see **Douglas PS**
Otrakji CL see **Sridhar KS**
Otten HG, Daha MR, de Rooij HH, Breedveld FC. Quantitative detection of class-specific rheumatoid factors using mouse monoclonal antibodies and the biotin/streptavidin enhancement system. Br J Rheumatol 1989 Aug;28(4):310–6
Ottino A, Pianzola HM, Castelletto RH. Occult papillary thyroid carcinoma at autopsy in La Plata, Argentina. Cancer 1989 Jul 15;64(2):547–51
Otto WR see **Nanchahal J**
Ouais S see **Samaan NA**
Ouchi K see **Suzuki M**
al Oufy S see **Ali Khan MA**
Oum BS, D'Amico DJ, Wong KW. Intravitreal antibiotic therapy with vancomycin and aminoglycoside. An experimental study of combination and repetitive injections. Arch Ophthalmol 1989 Jul;107(7):1055–60
Ouma JH see **Hamburger J**
Oury JH see **Angell WW**
Ouyang CS see **Brett SJ**
Overman JA, Cox DL, Buchl LL, Campion JK, Raible PC, Sloan TR. Role of the nurse in the multidisciplinary team approach to care of liver transplant patients. Mayo Clin Proc 1989 Jun;64(6):690–8
Owen DR see **Teasdale TW**
Owen F see **Collinge J**
Owen RW see **McKeigue PM**
Owen WJ see **Hollands MJ**
Owens GR see **Sanders MH**
Owerbach D, Gunn S, Gabbay KH. Primary association of HLA-DQw8 with type I diabetes in DR4 patients. Diabetes 1989 Jul;38(7):942–5
Ozato K see **Hedley ML**
Ozawa T see **Hanaki Y**
Ozawa T see **Kamihara S**
Ozbek C, Sen S, Frank S, Dyckmans J, Schieffer H. Rapid high dose streptokinase in severe pulmonary embolism [letter] Lancet 1989 Jul 22;2(8656):229–30
Ozekes M, Gilleard C. Remembering faces and drawings: a test of Hasher & Zacks' model of automatic processing in a Turkish sample. J Gerontol 1989 Jul;44(4):P122–3
Ozturk M see **Berkowitz R**
Ozuru K see **Anegawa S**

P

Paavonen J, Roberts PL, Stevens CE, Wølner-Hanssen P, Brunham RC, Hillier S, Stamm WE, Kuo CC, DeRouen T, Holmes KK, et al. Randomized treatment of mucopurulent cervicitis with doxycycline or amoxicillin. Am J Obstet Gynecol 1989 Jul;161(1):128–35
Paccaud F see **Yersin B**
Pace NL see **Stanley TH**
Pace NL see **Streisand JB**
Pachner AR, Duray P, Steere AC. Central nervous system manifestations of Lyme disease. Arch Neurol 1989 Jul; 46(7):790–5
Pachter HL see **Feliciano DV**
Packe GE, Innes JA. Duration of protection against tuberculosis conferred by BCG vaccination in infancy [letter] Arch Dis Child 1989 Apr;64(4):634–5
Packer MG see **Scherz HC**
Padmanabhan V see **Landefeld TD**
Padmanabhan V see **Ong L**
Pagano G see **Soskolne CL**
Paganussi PJ see **Eurman DW**
Pagé A see **Baillot R**
Page DL see **Eisenberg AD**
Page DL see **Salhany KE**
Page JE, Olliff JF, Dundas DD. Value of anteroposterior radiography in cervical pain of non-traumatic origin. BMJ 1989 May 13;298(6683):1293–4
Pagé P see **Baillot R**
Paget SA see **Ganley CJ**
Pagliara AS see **Wickus GG**
Pahissa A see **Pigrau C**
Pairolero PC. Repair of abdominal aortic aneurysms in high-risk patients. Surg Clin North Am 1989 Aug; 69(4):755–63
Pairolero PC see **Bower TC**
Pais R see **Nasr S**
Pal J, Brown R, Fleiszer D. The value of the Glasgow Coma Scale and Injury Severity Score: predicting outcome in multiple trauma patients with head injury. J Trauma 1989 Jun;29(6):746–8
Palacin A see **Cid MC**
Palefski P see **Rosenfield K**
Palella TD see **Davidson BL**
Palella TD see **Lin HY**
Paliard X, Yssel H, Blanchard D, Waltz JA, deVries JE, Spits H. Antigen specific and MHC nonrestricted cytotoxicity of T cell receptor alpha beta+ and gamma delta+ human T cell clones isolated in IL-4. J Immunol 1989 Jul 15; 143(2):452–7
Palkert D see **Ogle CK**
Palmaz JC see **Rösslle M**
Palmer BF, Eigenbrodt EH, Henrich WL. Cranial nerve deficit: a clue to the diagnosis of ethylene glycol poisoning. Am J Med 1989 Jul;87(1):91–2
Palmer DW see **Hellman RS**
Palmer E see **Klemsz MJ**
Palmer JH see **Sharpe DT**
Palmer SR see **Joseph CA**
Palmer T see **Rosenthal E**
Palomaki GE see **Osathanondh R**
Pals ST, Hogervorst F, Keizer GD, Thepen T, Horst E, Figdor CC. Identification of a widely distributed 90-kDa glycoprotein that is homologous to the Hermes-1 human lymphocyte homing receptor. J Immunol 1989 Aug 1; 143(3):851–7
Palva T, Ramsay H. Treatment of labyrinthine fistula. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):804–6
Pam C see **Kara U**
Pamouktsoglou P see **Fassoulaki A**
Pampallona S see **Muscettola G**
Pan AA, McMahon-Pratt D. Amastigote and epimastigote stage-specific components of Trypanosoma cruzi characterized by using monoclonal antibodies. Purification and molecular characterization of an 83-kilodalton amastigote protein. J Immunol 1989 Aug 1;143(3):1001–8
Pan FP see **Donaldson DL**
Panagopoulos KP, Jolesz FA, el-Azouzi M, Black PM. Mucinous cysts of the pituitary stalk. Report of two cases. J Neurosurg 1989 Aug;71(2):276–8
Pancotto FS see **Brazer SR**
Paneth M see **Luke RA**
Pang CY see **Morris SF**
Pang VF see **Tompkins MB**
Pang XP, Hershman JM, Mirell CJ, Pekary AE. Impairment of hypothalamic-pituitary-thyroid function in rats treated with human recombinant tumor necrosis factor-alpha (cachectin). Endocrinology 1989 Jul;125(1):76–84
Paniagua R see **Nistal M**
Pannall P see **Ramakrishna BS**
Pantaleo N see **Rodrigues EA**
Papageorgiou A see **Chemtob S**
Papapetropoulos T see **Kondakis XG**
Papasavvas G, Goodwill CJ. Scleroderma and breast carcinoma [letter] Br J Rheumatol 1989 Aug;28(4):366–7
Pape KE. Etiology and pathogenesis of intraventricular hemorrhage in newborns. Pediatrics 1989 Aug;84(2):382–5
Papke RA see **Breger RK**
Papke RA see **Hellman RS**
Pappas J see **Reeve G**
Paradis IL see **Sanders MH**
Paradisi R see **Porcu E**
Paraf F see **Bedossa P**
Parameshwar J, Dambrink JH, Sparrow J, Wright C, Park A, Tweed J, Poole-Wilson PA. A new exercise test for the assessment of heart failure: use of a self powered treadmill. Br Heart J 1989 May;61(5):421–5
Parazzini F see **Sideri M**
Pardy RL see **Morrison NJ**
Parikh PM see **Banavali SD**
Paris JC see **Brunetaud JM**
Park A see **Parameshwar J**
Park GR, Manara AR, Bodenham AR, Moss CJ. The pneuPAC ventilator with new patient valve and air compressors. Anaesthesia 1989 May;44(5):419–24
Park MK, Menard SM. Normative oscillometric blood pressure values in the first 5 years in an office setting. Am J Dis Child 1989 Jul;143(7):860–4
Parke DW 2d see **Koch DD**
Parker C see **Hands ME**
Parker CB see **Stone PH**
Parker CJ see **Holguin MH**
Parker ES see **Bridge TP**
Parker M see **Hescock H Jr**
Parker MB. A piece of my mind. On his shoulders. JAMA 1989 Aug 11;262(6):830
Parker MM see **Suffredini AF**
Parker P see **Raphael SA**
Parker R see **Austin-Seymour M**
Parker RS see **Lee RB**
Parker S see **Zahr L**
Parker WD Jr see **Bindoff LA**
Parkin A, Wilkinson D, Smye SW, Robinson PJ, Garside F, Kester RC. The clinical application of forearm and hand blood flow measurements using a gamma camera. Surgery 1989 Jul;106(1):26–32
Parkin DM. Trends in lung cancer incidence worldwide. Chest 1989 Jul;96(1 Suppl):5S–8S
Parmar MK, Freedman LS, Hargreave TB, Tolley DA. Prognostic factors for recurrence and followup policies in the treatment of superficial bladder cancer: report from the British Medical Research Council Subgroup on Superficial Bladder Cancer (Urological Cancer Working Party). J Urol 1989 Aug;142(2):284–8
Parmley VC see **Raymond WR**
Parmley WW see **Buser PT**
Parraguez VH see **Serón-Ferré M**
Parrillo JE see **Suffredini AF**
Parrish E see **Forehand R**
Parrott CD see **Huxsoll DL**
Parrott TS see **Wolpert JJ**
Parry BL see **Spitzer RL**
Parry CE see **Foley M**
Parry DM see **Eldridge R**
Parry GN see **Ward P**
Parsons JH see **Bennett SJ**
Parsons P see **Leigh TR**
Parsons PE, Grunstein MM, Fernandez E. The effects of acute hypoxia and hypercapnia on pulmonary mechanics in normal subjects and patients with chronic pulmonary disease. Chest 1989 Jul;96(1):96–101
Pascoe JM. Sleep deprivation and performance of residents: the power of the study [letter] JAMA 1989 Aug 11; 262(6):775

Pascual E see **Ruiz MT**
Pascual J, Liaño F, Matesanz R, Teruel JL, Ortuño J. Recombinant human erythropoietin treatment in patients on maintenance home haemodialysis [letter] Lancet 1989 Jul 15;2(8655):160
Pascual JA, Villanueva-Meyer J, Salido E, Ehrlich RM, Mena I, Rajfer J. Recovery of testicular blood flow following ligation of testicular vessels. J Urol 1989 Aug;142(2 Pt 2):549–52; discussion 572
Paskvan M see **Renvall MJ**
Pass HI see **Doppman JL**
Passerini-Glazel G. A new 1-stage procedure for clitorovaginoplasty in severely masculinized female pseudohermaphrodites. J Urol 1989 Aug;142(2 Pt 2):565–8; discussion 572
Pasnik SD see **Wilson A**
Pasternack P see **Tunick PA**
Pasternak RC see **Reis GJ**
Pastore JO see **Rosenfield K**
Patel A see **Johnston WE**
Patel SS, Wacholtz MC, Duby AD, Thiele DL, Lipsky PE. Analysis of the functional capabilities of CD3+CD4–CD8– and CD3+CD4+CD8+ human T cell clones. J Immunol 1989 Aug 15;143(4):1108–17
Patel U see **Gallacher SJ**
Paterson NA see **Tracey WR**
Path MJ see **Davies SF**
Patil RK see **Puri CP**
Patrick WC 3d see **Huxsoll DL**
Patrissi GA see **Varner DR Jr**
Patronas NJ see **Saris SC**
Patte D see **Rabbani GH**
Pattee GA see **Markolf KL**
Patten RM, Mack LA, Harvey D, Cyr DR, Pretorius DH. Disparity of amniotic fluid volume and fetal size: problem of the stuck twin—US studies. Radiology 1989 Jul; 172(1):153–7
Patterson JK see **Stern MP**
Patterson JR see **Sokolowski JW Jr**
Patterson K see **Rarey KE**
Patterson LE see **Emmanuel JC**
Patterson R see **Morris SF**
Pattison NS see **Roberts AB**
Pattman RS see **Shanmugaratnam K**
Patton DD see **McNeill GC**
Patton DR see **Silberberg JS**
Patton J see **Debs RJ**
Paty DW see **Koopmans RA**
Paty DW see **Weiner HL**
Patzakis MJ, Wilkins J, Brien WW, Carter VS. Wound site as a predictor of complications following deep nail punctures to the foot. West J Med 1989 May;150(5):545–7
Pau B see **Bouanani M**
Pauker SG see **Hagen MD**
Paul CJ see **Carmichael AJ**
Paul M see **Rosenblum M**
Paul MH see **Wessel HU**
Paul O. Background of the prevention of cardiovascular disease. II. Arteriosclerosis, hypertension, and selected risk factors. Circulation 1989 Jul;80(1):206–14 (68 ref.)
Paul SM see **Wolkowitz OM**
Paul WL see **Sun CH**
Paulman PM see **Sadat A**
Pauloski BR see **Logemann JA**
Pauls JD, Silverman E, Laxer RM, Fritzler MJ. Antibodies to histones H1 and H5 in sera of patients with juvenile rheumatoid arthritis. Arthritis Rheum 1989 Jul;32(7):877–83
Paulus DA, Monroe MC. Cool fingers and pulse oximetry [letter] Anesthesiology 1989 Jul;71(1):168–9
Paulus W, Peiffer J. Intratumoral histologic heterogeneity of gliomas. A quantitative study. Cancer 1989 Jul 15; 64(2):442–7
Paumgartner G. Walter B. Cannon lecture. Shock-wave lithotripsy of gallstones. AJR Am J Roentgenol 1989 Aug; 153(2):235–42
Paumgartner G see **Holl J**
Pavan-Langston D, Dunkel EC. Ocular varicella-zoster virus infection in the guinea pig. A new in vivo model. Arch Ophthalmol 1989 Jul;107(7):1068–72
Pawelec GP, Rehbein A, Schaudt K, Busch FW. IL-4-responsive human helper T cell clones are resistant to growth inhibition by tumor necrosis factor-alpha. J Immunol 1989 Aug 1;143(3):902–6
Paya CV, Smith TF, Ludwig J, Hermans PE. Rapid shell vial culture and tissue histology compared with serology for the rapid diagnosis of cytomegalovirus infection in liver transplantation. Mayo Clin Proc 1989 Jun;64(6):670–5
Paya R see **Gordon A**
Payne D see **Manolis AS**
Payne RA see **Joynson DH**
Pazianos AG see **Barzilay JI**
Peabody JL, Emery JR, Ashwal S. Experience with anencephalic infants as prospective organ donors. N Engl J Med 1989 Aug 10;321(6):344–50
Pearce NW, Spinelli A, Gurley KE, Dorsch SE, Hall BM. Mechanisms maintaining antibody-induced enhancement of allografts. II. Mediation of specific suppression by short lived CD4+ T cells. J Immunol 1989 Jul 15;143(2):499–506
Pearl W, Bell SF. Total retroperfusion of the coronary arteries and veins [letter] Lancet 1989 Jul 15;2(8655):172
Pearlman NW see **Van Stiegmann G**
Pearlman RA see **Uhlmann RF**
Pearlson GD, Kim WS, Kubos KL, Moberg PJ, Jayaram G, Bascom MJ, Chase GA, Goldfinger AD, Tune LE. Ventricle-brain ratio, computed tomographic density, and brain area in 50 schizophrenics. Arch Gen Psychiatry 1989 Aug;46(8):690–7
Pearson AD see **Pinkerton CR**
Pearson AD see **Skinner R**
Pearson JP, Pretlow TP, Bradley EL Jr, McGinnis MC, Pretlow TG. Beta-glucuronidase activity in prostatic carcinoma and benign prostatic hyperplasia. Cancer 1989 Aug 15;64(4):911–5
Pearson RR see **Adkisson GH**
Pease LR see **Barker RL**
Peck AB see **LaFace DM**
Pedersen AB. Legal immunity for peer-review programs [letter] N Engl J Med 1989 Jul 27;321(4):265
Pedersen H, Santos AC, Steinberg ES, Schapiro HM, Harmon TW, Finster M. Incidence of visceral pain during cesarean section: the effect of varying doses of spinal bupivacaine. Anesth Analg 1989 Jul;69(1):912–5
Pedersen H see **Morishima HO**
Pedersen NL, Gatz M, Plomin R, Nesselroade JR, McClearn GE. Individual differences in locus of control during the second half of the life span for identical and fraternal twins reared apart and reared together. J Gerontol 1989 Jul; 44(4):P100–5
Pedersen OF see **Kjaergaard SK**
Pedersen W see **Goldenberg IF**
Pedersen WR, Janosik DL, Goldenberg IF, Stevens LL, Redd RM. Post-exercise asystolic arrest in a young man without organic heart disease: utility of head-up tilt testing in guiding therapy. Am Heart J 1989 Aug;118(2):410–3
Pederson LL see **Chen Y**
Pedrini L see **D'Addato M**
Peerschke EI see **Galanakis DK**
Peet GJ see **Naul LG**
Peetz D Jr see **Del Core MG**
Pegelow CH. Increased incidence of bacteremia in Haitian children with sickle cell anemia. South Med J 1989 Jul; 82(7):833–6, 840
Pegg EW 3d see **Ginnetti RA**
Peiffer J see **Paulus W**
Peiffer LP see **Colony PC**
Peiffer RL see **Glasser DB**
Peisner DB see **Timor-Tritsch IE**
Peitzman AB, Udekwu AO. Left-sided perinephric hematoma associated with rupture of the left hemidiaphragm: a marker for renal artery injury. Surgery 1989 Jul;106(1):33–6
Pekary AE see **Pang XP**
Pekary AE see **Simard M**
Pekkanen J, Nissinen A, Punsar S, Karvonen MJ. Serum cholesterol and risk of accidental or violent death in a 25-year follow-up. The Finnish cohorts of the Seven Countries Study. Arch Intern Med 1989 Jul;149(7):1589–91
Peleg E see **Schiff E**
Pellegrini CA, Heck CF, Raper S, Way LW. An analysis of the reduced morbidity and mortality rates after pancreaticoduodenectomy. Arch Surg 1989 Jul; 124(7):778–81
Pellegrini E see **Halperin DL**
Pellegrino MJ, Van Fossen D, Gordon C, Ryan JM, Waylonis GW. Prevalence of mitral valve prolapse in primary fibromyalgia: a pilot investigation. Arch Phys Med Rehabil 1989 Jul;70(7):541–3
Pellett PL see **Young VR**
Peltonen J see **Jaakkola S**
Pelz D see **Conlon P**
Peng AT, Gorman RS, Shulman SM, DeMarchis E, Nyunt K, Biancato LS. Intravenous nitroglycerin for uterine relaxation in the postpartum patient with retained placenta [letter] Anesthesiology 1989 Jul;71(1):172–3
Peng RC see **Linn WS**
Penn AM see **Booth FA**
Penn ND, Belfield PW, Muscie-Taylor BH, Mulley GP. Old and unwashed: bathing problems in the over 70s. BMJ 1989 Apr 29;298(6681):1158–9
Penn RD see **Müller-Schwefe G**
Penne F see **Houry S**
Penner MJ. Aspirin abolishes tinnitus caused by spontaneous otoacoustic emissions. A case study. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):871–5
Penner SB see **Mitenko PA**
Pennington DG see **Kesler KA**
Pennington L see **Becker DM**
Pensler JM see **Messinger A**
Pentland A see **Remmler D**
Penttilä A see **Karhunen PJ**
Peny J see **Tartiere J**
Pepine CJ. New concepts in the pathophysiology of acute myocardial infarction. Am J Cardiol 1989 Jul 18; 64(4):2B–8B (45 ref.)
Pepose JS, Linette G, Lee SF, MacRae S. Disinfection of Goldmann tonometers against human immunodeficiency virus type 1. Arch Ophthalmol 1989 Jul;107(7):983–5
Pepperell JR, Preston SL, Behrman HR. The antigonadotropic action of prostaglandin F2 alpha is not mediated by elevated cytosolic calcium levels in rat luteal cells. Endocrinology 1989 Jul;125(1):144–51
Perales CG see **Walter T**
Perel A see **Segal E**
Peretz BA see **Friedman M**
Perez CA see **Cox JD**
Perez J see **Arlandeo C**
Perez-Aciego P see **Regueiro JR**
Perez-Atayde A see **Jaramillo D**
Pericak-Vance MA see **Siddique T**
Perin E see **Topaz O**
Perkin GD see **Thompson AJ**
Perks N see **Prentice A**
Perlman JM, Volpe JJ. Movement disorder of premature infants with severe bronchopulmonary dysplasia: a new syndrome. Pediatrics 1989 Aug;84(2):215–8
Perlmutter DH, May LT, Sehgal PB. Interferon beta 2/interleukin 6 modulates synthesis of alpha 1-antitrypsin in human mononuclear phagocytes and in human hepatoma cells. J Clin Invest 1989 Jul;84(1):138–44
Perman JA see **Canning DA**
Perng RP see **Chang SC**
Pernot C see **Isaaz K**
Perrault H, Drblik SP, Montigny M, Davignon A, Lamarre A, Chartrand C, Stanley P. Comparison of cardiovascular adjustments to exercise in adolescents 8 to 15 years of age after correction of tetralogy of fallot, ventricular septal defect or atrial septal defect. Am J Cardiol 1989 Jul 15; 64(3):213–7
Perrin PJ, Phillips SM. The molecular basis of granuloma formation in schistosomiasis. III. In vivo effects of a T cell-derived suppressor effector factor and IL-2 on granuloma formation. J Immunol 1989 Jul 15;143(2):649–54
Perrin RG see **Shoskes DA**
Perrin-Fayolle M, Gormand F, Braillon G, Lombard-Platet R, Vignal J, Azzar D, Forichon J, Adeleine P. Long-term results of surgical treatment for gastroesophageal reflux in asthmatic patients. Chest 1989 Jul;96(1):40–5
Perrott DH see **Dodson TB**
Perry JC, McQuinn RL, Smith RT Jr, Gothing C, Fredell P, Garson A Jr. Flecainide acetate for resistant arrhythmias in the young: efficacy and pharmacokinetics. J Am Coll Cardiol 1989 Jul;14(1):185–91; discussion 192–3
Perry MO see **Jones WG 2d**
Perry RR, Nieman LK, Cutler GB Jr, Chrousos GP, Loriaux DL, Doppman JL, Travis WD, Norton JA. Primary adrenal causes of Cushing's syndrome. Diagnosis and surgical management. Ann Surg 1989 Jul;210(1):59–68
Perry TL see **Booth FA**
Perry-Keene DA see **Yap AS**
Perryman LE see **Riggs MW**
Persson I see **Bergkvist L**
Pert CB see **Bridge TP**
Pertik M see **Smith MS**
Pescovitz OH see **Manasco PK**
Pessin MS, Logigian EL, Brown MT, Shuren JE, Kelly JJ, Barbas NR. CNS dysfunction in Fisher's syndrome. Neurology 1989 Jul;39(7):998–9
Peteet JR, Murray-Ross D, Medeiros C, Walsh-Burke K, Rieker P, Finkelstein D. Job stress and satisfaction among the staff members at a cancer center. Cancer 1989 Aug 15;64(4):975–82
Peters AM, Gordon I, Kaiser AM, Arnot RN, Lavender JP. Spontaneous abrupt changes in the distribution of ventilation: a cause for apparent mismatching on ventilation/perfusion scintigraphy. Br J Radiol 1989 Jun; 62(738):536–43
Peters CA, Hendren WH. Splitting the pubis for exposure in difficult reconstructions for incontinence. J Urol 1989 Aug;142(2 Pt 2):527–31; discussion 542–3
Peters CA, Mandell J, Lebowitz RL, Colodny AH, Bauer SB, Hendren WH, Retik AB. Congenital obstructed megaureters in early infancy: diagnosis and treatment. J Urol 1989 Aug;142(2 Pt 2):641–5; discussion 667–8
Peters CA see **Bauer SB**
Peters J see **Idell S**
Peters PE see **Wernecke K**
Peters SP see **Yoss EB**
Petersdorf RG. Remodeling the house of academe [editorial] JAMA 1989 Aug 11;262(6):826
Peterse JL see **van Dongen JA**
Petersen DN see **Harrison JR**
Petersen PB see **Ritvo ER**
Petersen RC, Kokmen E. Cognitive and psychiatric abnormalities in multiple sclerosis. Mayo Clin Proc 1989 Jun;64(6):657–63 (50 ref.)
Petersen RC see **Jack CR Jr**
Petersen SA see **Walloo MP**
Peterson DI, Altman K. Central cervical spinal cord syndrome due to minor hyperextension injury. West J Med 1989 Jun;150(6):691–4
Peterson ED see **Linnemann CC Jr**
Peterson HB see **Lindsay MK**
Peterson KW see **Gould KG Jr**
Peterson MW, Gruenhaupt D, Shasby DM. Neutrophil cathepsin G increases calcium flux and inositol polyphosphate production in cultured endothelial cells. J Immunol 1989 Jul 15;143(2):609–16
Peterson T see **Mattrey RF**
Peterson VM see **Moore FA**
Pethtel L. A four-year career and residency advising program. Acad Med 1989 Jul;64(7):417
Petitclerc L see **Poulin R**
Petrakis NL, King MC, Dupuy ME. Lewis negative genotype and breast cancer risk [letter] Lancet 1989 Jul 1;2(8653):41
Petrelli NJ see **Warneke J**
Petrikovsky BM, Cohen M, Tancer ML. Usefulness of continuous fetal heart rate monitoring during cesarean

section. Am J Obstet Gynecol 1989 Jul;161(1):36–7
Petrilli ES see **Holt RW**
Petrosyan L see **Baranov A**
Petrucci DA see **Louis DN**
Pettengill O see **Mabry M**
Pettersson S see **Anderström C**
Pettibone DJ, Clineschmidt BV, Anderson PS, Freidinger RM, Lundell GF, Koupal LR, Schwartz CD, Williamson JM, Goetz MA, Hensens OD, et al. A structurally unique, potent, and selective oxytocin antagonist derived from Streptomyces silvensis. Endocrinology 1989 Jul; 125(1):217–22
Pettinger M see **Ellis SG**
Petty F. Depression and medical illness. Am J Med Sci 1989 Jul;298(1):59–68
Petty RE see **Malleson P**
Pezzolla F, Riezzo G, Maselli MA, Giorgio I. Electrical activity recorded from abdominal surface after gastrectomy or colectomy in humans. Gastroenterology 1989 Aug; 97(2):313–20
Pfaller MA see **de Groote MA**
Pfeifer BA see **Freidberg SR**
Pfeiffer EF see **Hauner H**
Pfisterer M, Burkart F, Jockers G, Meyer B, Regenass S, Burckhardt D, Schmitt HE, Müller-Brand J, Skarvan K, Stulz P, et al. Trial of low-dose aspirin plus dipyridamole versus anticoagulants for prevention of aortocoronary vein graft occlusion. Lancet 1989 Jul 1;2(8653):1–7
Phelan JP see **Strong TH Jr**
Phelps ME see **Brunken RC**
Phernetton TM see **Reid DL**
Phero JC see **Ackerman WE**
Philip R see **Debs RJ**
Philips A see **Knutton S**
Philliber SG see **Rulin MC**
Phillippe M see **Greene MF**
Phillips DM, Lakshmi V, Monder C. Corticosteroid 11 beta-dehydrogenase in rat testis. Endocrinology 1989 Jul; 125(1):209–16
Phillips DR see **Brown DL**
Phillips G see **Franceschi D**
Phillips J see **Stelmach GE**
Phillips JH see **Testi R**
Phillips K see **Siddique T**
Phillips MI see **James S**
Phillips RA see **Shapiro E**
Phillips RL see **Beeson WL**
Phillips RL see **Mills PK**
Phillips SM see **Perrin PJ**
Phillips TF see **Duncan AO**
Phillips TW. Thompson hemiarthroplasty and acetabular erosion. J Bone Joint Surg [Am] 1989 Jul;71(6):913–7
Phyliky RL see **Tefferi A**
Pianzola HM see **Ottino A**
Piatkin E see **Baranov A**
Piazza G see **Servadei F**
Picano E, Lattanzi F, Distante A, L'Abbate A. Role of myocardial oxygen consumption in dipyridamole-induced ischemia. Am Heart J 1989 Aug;118(2):314–9
Picascia DD, Magid ML, Minkin RB. Pruritic papular eruption. Papular mucinosis (lichen myxedematosus). Arch Dermatol 1989 Jul;125(7):986–7, 990
Piccinelli A see **Benigni A**
Picetti GD 3d see **Welch RB**
Pick R see **Nakata S**
Pickar D see **Wolkowitz OM**
Pickett G. Local public health and the state [editorial] Am J Public Health 1989 Aug;79(8):967–8
Pickleman J see **Olen R**
Picone J see **Kang Y**
Pidcoe P see **Schuit D**
Piechaczyk M see **Bouanani M**
Piera C see **Martínez-Ródenas F**
Pierach CA. Haem and porphyria attacks [letter] Lancet 1989 Jul 22;2(8656):213–4
Pierce EC Jr. Anesthesia: standards of care and liability [letter] JAMA 1989 Aug 11;262(6):773
Pierce JP see **Hatziandreu EJ**
Pierce LJ see **Gold MH**
Pierpont GL see **Pierpont ME**
Pierpont ME, Judd D, Goldenberg IF, Ring WS, Olivari MT, Pierpont GL. Myocardial carnitine in end-stage congestive heart failure. Am J Cardiol 1989 Jul 1;64(1):56–60
Pierrot D see **Liotè H**
Pierson HF see **Greenwald P**
Pietinen P see **Marti B**
Pietra GG see **Kornstein MJ**
Piga A see **Zurlo MG**
Pigeon JG see **Feinstein AR**
Pigrau C, Pahissa A, Gropper S, Sureda D, Martinez Vazquez JM. Ceftriaxone-associated biliary pseudolithiasis in adults [letter] Lancet 1989 Jul 15;2(8655):165
Piikivi L, Ruokonen A. Renal function and long-term low mercury vapor exposure. Arch Environ Health 1989 May-Jun;44(3):146–9
Piirilä P, Sovijärvi AR. Differences in acoustic and dynamic characteristics of spontaneous cough in pulmonary diseases. Chest 1989 Jul;96(1):46–53
Pike MC, Bernstein L. Oral contraceptives and breast cancer [letter] Lancet 1989 Jul 15;2(8655):158
Pikus A see **Eldridge R**
Pilarski LM see **Deans JP**
Pile-Spellman E see **Shin JH**
Pile-Spellman J see **Gean AD**
Pilgram TK, Vannier MW. Measuring the quality of radiologic research [letter] Radiology 1989 Jul;172(1):286
Pillot J see **Lazizi Y**
Pilot LJ see **Silver LB**
Pimpl W, Dapunt O, Kaindl H, Thalhamer J. Incidence of septic and thromboembolic-related deaths after splenectomy in adults. Br J Surg 1989 May;76(5):517–21
Pimpl W see **Rieger R**
Pinciroli V see **Benigni A**
Pincus HA see **McCartney CF**
Pineda JJ see **Hyduke JF**
Pingree C see **Ritvo ER**
Pinheiro R see **de Paola AA**
Pinkerton CR, Lewis IJ, Pearson AD, Stevens MC, Barnes J. Carboplatin or cisplatin? [letter] Lancet 1989 Jul 15; 2(8655):161
Pinkerton PH, McLellan BA, Quantz MC, Robinson JB. Acute lymphocytosis after trauma—early recognition of the high-risk patient? J Trauma 1989 Jun;29(6):749–51
Pino S see **Köhrle J**
Pinsky N. Boycotting pharmacies that sell tobacco products [letter] Can Med Assoc J 1989 Jul 15;141(2):96
Pinto P see **Franceschi M**
Piotrowski JJ, McCroskey BL, Rutherford RB. Selection of grafts currently available for repair of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):827–36 (50 ref.)
Pirschel J see **Hassler W**
Pisano ED, Hall FM. Preoperative localization of inferior breast lesions. AJR Am J Roentgenol 1989 Aug;153(2):272
Pisco JM, Martins JM, Correia MG. Internal iliac artery: embolization to control hemorrhage from pelvic neoplasms. Radiology 1989 Aug;172(2):337–9
Pitkänen J see **Bjerknes R**
Pitts LH see **Mampalam TJ**
Pitts VL see **Brinson RR**
Pizzi WF see **Luks FI**
Pizzo PA. Combating infections in neutropenic patients. Hosp Pract [Off] 1989 Jul 15;24(7):93–100, 103–4, 107–10 (7 ref.)
Pizzolo G see **Trentin L**
Plant TM see **Abeyawardene SA**
Plappert T see **Bittl JA**
Platia EV see **Liebert HP**
Platt LD see **Nance SJ**
Plaut M see **Schleimer RP**
Pleasure D see **Sobue G**
Plecha FR see **Bertin VJ**
Pless IB, Verreault R, Tenina S. A case-control study of pedestrian and bicyclist injuries in childhood. Am J Public Health 1989 Aug;79(8):995–8
Plester D see **Klein R**
Pliskin A see **Sadoff RS**
Plomin R see **Pedersen NL**
Plotz CM. What are the primary goals of the American College of Rheumatology? [letter] Arthritis Rheum 1989 Jul;32(7):936
Plotz PH, Dalakas M, Leff RL, Love LA, Miller FW, Cronin ME. Current concepts in the idiopathic inflammatory myopathies: polymyositis, dermatomyositis, and related disorders. Ann Intern Med 1989 Jul 15;111(2):143–57 (100 ref.)
Plummer AL, Gracey DR. Consensus conference on artificial airways in patients receiving mechanical ventilation. Chest 1989 Jul;96(1):178–80 (4 ref.)
Plutchik R see **Apter A**
Plymate SR see **Kiel DP**
Podesta AH, True LD. Small cell carcinoma of the bladder. Report of five cases with immunohistochemistry and review of the literature with evaluation of prognosis according to stage. Cancer 1989 Aug 1;64(3):710–4 (26 ref.)
Podrasky AE see **Goldstein RB**
Podrid PJ. Resuscitation in the elderly: a blessing or a curse? Ann Intern Med 1989 Aug 1;111(3):193–5
Poe C see **Mininberg DT**
Poirier WJ see **Esposito AL**
Poka A see **Dalal SA**
Poker ID see **Moses JJ**
Polak JM see **Jones PM**
Poland RE see **Lin KM**
Polese A see **DeCesare N**
Poletti CE. A temporal approach to anterior communicating artery aneurysms. Technical note. J Neurosurg 1989 Jul; 71(1):144–6
Poliner LS see **Tornambe PE**
Polinsky RJ see **Nee LE**
Polish LB see **Andress JD**
Politis MJ, Zanakis MF, Miller JE. Enhanced survival of full-thickness skin grafts following the application of DC electrical fields. Plast Reconstr Surg 1989 Aug;84(2):267–72
Pollack HM, Wein AJ. Imaging of renal trauma. Radiology 1989 Aug;172(2):297–308 (105 ref.)
Pollack HM see **Schiebler ML**
Pollack HM see **Schnall MD**
Pollack HM see **Sheline M**
Pollard A see **Yap I**
Pollard BJ see **Gray HS.**
Pollard M, Luckert PH, Snyder D. Prevention of prostate cancer and liver tumors in L-W rats by moderate dietary restriction. Cancer 1989 Aug 1;64(3):686–90
Pollard M see **Wood CD**
Pollard SG see **Caine RY**
Pollare T, Lithell H, Selinus I, Berne C. Sensitivity to insulin during treatment with atenolol and metoprolol: a randomised, double blind study of effects on carbohydrate and lipoprotein metabolism in hypertensive patients. BMJ 1989 Apr 29;298(6681):1152–7
Poller L, Hirsh J. Special report: a simple system for the derivation of International Normalized Ratios for the reporting of prothrombin time results with North American thromboplastin reagents. Am J Clin Pathol 1989 Jul; 92(1):124–6
Polydorou AA see **Dowsett JF**
Pomeroy DP. Balint groups and difficult physician-patient relationships [letter] J Fam Pract 1989 Jul;29(1):16–7
Pomp A see **Winkler MF**
Ponchon T, Barkun AN, Pujol B, Mestas JL, Lambert R. Gallstone disappearance after extracorporeal lithotripsy and oral bile acid dissolution. Gastroenterology 1989 Aug; 97(2):457–63
Pond CM see **Evans J**
Pond GD see **McNeill GC**
Ponkilainen R see **Kallio A**
Ponlot R see **Dion R**
Poole-Wilson PA. Thrombolytic therapy [letter] Lancet 1989 Jul 15;2(8655):153
Poole-Wilson PA see **Parameshwar J**
Poorbaugh JH see **Kizer KW**
Poortvliet DC see **Tans JT**
Pope HG Jr see **Aranow AB**
Pope S see **Hurvitz EA**
Popma JJ, Eichhorn EJ, Dehmer GJ. In vivo assessment of a digital angiographic method to measure absolute coronary artery diameters. Am J Cardiol 1989 Jul 15; 64(3):131–8
Popov Z see **Chopin DK**
Poppi M see **D'Addato M**
Porcu E, Venturoli S, Fabbri R, Orsini LF, Sganga E, Brondelli L, Paradisi R, Flamigni C. Uterine development and endocrine relationships after menarche. Am J Obstet Gynecol 1989 Jul;161(1):174–7
Porte RJ, Knot EA, Bontempo FA. Hemostasis in liver transplantation. Gastroenterology 1989 Aug;97(2):488–501 (119 ref.)
Porter D see **Nestle M**
Porter DH see **Simon M**
Porter JB, Hoyes KP, Abeysinghe R, Huehns ER, Hider RC. Animal toxicology of iron chelator L1 [letter] Lancet 1989 Jul 15;2(8655):156
Porter TE, Hargis BM, Silsby JL, el Halawani ME. Differential steroid production between theca interna and theca externa cells: a three-cell model for follicular steroidogenesis in avian species. Endocrinology 1989 Jul; 125(1):109–16
Portman RM. Prohibition on charges for services of assistant cataract surgeons upheld by Federal Court of Appeals. Arch Ophthalmol 1989 Jul;107(7):975–7
Porto G, da Silva BM, Vincente C, de Sousa M. Idiopathic haemochromatosis in north Portugal: association with haplotype A3B7 [letter] J Clin Pathol 1989 Jun;42(6):667–8
Portolés A see **Barasoain I**
Ports T see **Hui P**
Posel D, Noakes T, Kantor P, Lambert M, Opie LH. Exercise training after experimental myocardial infarction increases the ventricular fibrillation threshold before and after the onset of reinfarction in the isolated rat heart. Circulation 1989 Jul;80(1):138–45
Post KD see **Cosman F**
Potash HI see **Eurman DW**
Potik R see **Richwald GA**
Potter WZ see **Rudorfer MV**
Pouleur H see **Marchandise B**
Poulin R, Simard J, Labrie C, Petitclerc L, Dumont M, Lagace L, Labrie F. Down-regulation of estrogen receptors by androgens in the ZR-75-1 human breast cancer cell line. Endocrinology 1989 Jul;125(1):392–9
Poulter M see **Collinge J**
Poulton SH see **Webb KS**
Powell C, Grantham-McGregor S. Home visiting of varying frequency and child development. Pediatrics 1989 Jul; 84(1):157–64
Powell DA see **Whitley RJ**
Powell EE see **Yap AS**
Powell J see **Earls F**
Powills S. Hospitals learn to deal with unionization. Hospitals 1989 Jul 5;63(13):44–9
Powles TJ. Oral contraceptives and breast cancer [letter] Lancet 1989 Jul 8;2(8654):97–8
Poynard T see **Bedossa P**
Poznansky MC, Clissold PM, Lachmann PJ. The difference between human C3F and C3S results from a single amino acid change from an asparagine to an aspartate residue at position 1216 on the alpha-chain of the complement component, C3. J Immunol 1989 Aug 15;143(4):1254–8
Pozzati E see **Servadei F**
Praga M see **Rubio-Garcia R**
Prager TC see **Holladay JT**
Pratt LF, Rassenti L, Larrick J, Robbins B, Banks PM, Kipps TJ. Ig V region gene expression in small lymphocytic lymphoma with little or no somatic hypermutation. J Immunol 1989 Jul 15;143(2):699–705
Pratzer K see **Stark WJ**

Preece MA see Massarano AA
Preece PM, Anderson JM, Thompson RG. Chlamydia trachomatis infection in infants: a prospective study. Arch Dis Child 1989 Apr;64(4):525–9
Prentice A, Perks N, Walton SM. Audit of 26 years of obstetrics in general practice [letter] BMJ 1989 May 13; 298(6683):1313
Prentky RA, Burgess AW, Rokous F, Lee A, Hartman C, Ressler R, Douglas J. The presumptive role of fantasy in serial sexual homicide. Am J Psychiatry 1989 Jul; 146(7):887–91
Prescott RJ see Stewart HJ
Preskorn SH see Goldstein ET
Presotto F see Betterle C
Pressman MR see Fry JM
Prestage ES see Joynson DH
Preston KL see Damrow T
Preston SL see Pepperell JR
Preston-Martin S. Prior x-ray therapy for acne related to tumors of the parotid gland. Arch Dermatol 1989 Jul; 125(7):921–4
Pretlow TG see Pearson JP
Pretlow TP see Pearson JP
Pretorius DH see Patten RM
Pretorius T see Hoit BD
Pretzman CI see Linnemann CC Jr
Price E see Knutton S
Price L see Skinner R
Price RW see Rosenblum M
Pride NB see Choudry NB
Prien RF, Gelenberg AJ. Alternatives to lithium for preventive treatment of bipolar disorder. Am J Psychiatry 1989 Jul;146(7):840–8 (106 ref.)
Prieto DO. Native Americans in medicine: the need for Indian healers. Acad Med 1989 Jul;64(7):388–9
Prieur AM see Huet S
Prignitz I see Vallbracht C
Pringle PJ see Massarano AA
Prinou M see Kondakis XG
Pritchard DJ. Small round cell tumors. Orthop Clin North Am 1989 Jul;20(3):367–75 (23 ref.)
Pritchard DJ see Keeney GL
Pritchard DJ see Scott SM
Probert CS. Beriberi secondary to tooth decay [letter] Lancet 1989 Jul 1;2(8653):51–2
Proctor MS, Tracy GP, Von Koch L. Primary cardiac B-cell lymphoma. Am Heart J 1989 Jul;118(1):179–81
Prosser R see Blair A
Proud D see Bathon JM
Provoost AP, De Keijzer MH, Molenaar JC. Effect of protein intake on lifelong changes in renal function of rats unilaterally nephrectomized at young age. J Lab Clin Med 1989 Jul;114(1):19–26
Pruitt BA Jr see Graves TA
Pryor DB see Brazer SR
Pryor JA see Webber BA
Pryor JL, Hurt GS, Caloras D, Turner TT, Flickinger CJ, Howards SS. Histologic analysis of orchiopexy in a cryptorchid rabbit model. J Urol 1989 Aug;142(2):413–7
Pryor RE, Giannetto L, Bashore TM. Surgical repair of atrial septal defect in an 89-year-old man: progressive shunt due to concomitant aortic stenosis. Am Heart J 1989 Aug; 118(2):423–4
Prys-Roberts C see Kong KL
Prystowsky EN see Stanton MS
Puchelle E see Lioté H
Pudlak KA, Donahue TM, Vladutiu AO. Alteration of electrophoretic mobility of serum globulins after storage. Arch Pathol Lab Med 1989 Jul;113(7):808–9
Puga FJ. The modified Fontan operation [letter] J Thorac Cardiovasc Surg 1989 Jul;98(1):150–1
Pugsley MP see Dworzack DL
Pui CH, Behm FG, Raimondi SC, Dodge RK, George SL, Rivera GK, Mirro J Jr, Kalwinsky DK, Dahl GV, Murphy SB, et al. Secondary acute myeloid leukemia in children treated for acute lymphoid leukemia [see comment] N Engl J Med 1989 Jul 20;321(3):136–42. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7
Pujol B see Ponchon T
Pullar T, Dale S, Lowe J, Bird H. A study of tolerance to the psychomotor effects of indomethacin in healthy volunteers. Br J Rheumatol 1989 Aug;28(4):317–9
Punsar S see Pekkanen J
Pupita G, Kaski JC, Galassi AR, Vejar M, Crea F, Maseri A. Long-term variability of angina pectoris and electrocardiographic signs of ischemia in syndrome X. Am J Cardiol 1989 Jul 15;64(3):139–43
Purgliese GN see Rook JL
Puri CP, Patil RK, Kholkute SD, Elger WA, Swamy XR. Progesterone antagonist lilopristone: a potent abortifacient in the common marmoset. Am J Obstet Gynecol 1989 Jul; 161(1):248–53
Puska P see Marti B
Puterman M see Solimano AJ
Putnam C see Rappaport WD
Putterman AM. Reconstruction of nasal fistulas of the medial canthus. Am J Ophthalmol 1989 Jul 15;108(1):68–74
Puylaert JB, Vermeijden RJ, van der Werf SD, Doornbos L, Koumans RK. Incidence and sonographic diagnosis of bacterial ileocaecitis masquerading as appendicitis. Lancet 1989 Jul 8;2(8654):84–6
Pye D see Kara U
Pyeritz RE see Glesby MJ
Pynoos RS see Ornitz EM
Pysher TJ see Ward RM

Q

Quantz MC see Pinkerton PH
Quarto di Palo F see Ranzi T
Quattlebaum TG, Darden PM, Sperry JB. In-training examinations as predictors of resident clinical performance. Pediatrics 1989 Jul;84(1):165–72
Queenan JT see Ananth U
Quertermous T see Michel JB
Quesnel J see Tartiere J
Quesny F see Kaplan EL
Quigley C, Cowell C, Jimenez M, Burger H, Kirk J, Bergin M, Stevens M, Simpson J, Silink M. Normal or early development of puberty despite gonadal damage in children treated for acute lymphoblastic leukemia [see comment] N Engl J Med 1989 Jul 20;321(3):143–51. **Comment on:** N Engl J Med 1989 Jul 20;321(3):185–7
Quill DS, Colgan MP, Sumner DS. Ultrasonic screening for the detection of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):713–20 (51 ref.)
Quinn TC, Zacarias FR, St. John RK. HIV and HTLV-I infections in the Americas: a regional perspective. Medicine (Baltimore) 1989 Jul;68(4):189–209 (257 ref.)
Quinn TC see Kelen GD
Quint R see Rehr RB
Quoidbach A see Gris P
Qureshi SA, Martin RP, Dickinson DF, Hunter S. Balloon dilatation of stenosed Blalock-Taussig shunts. Br Heart J 1989 May;61(5):432–4
Qureshi SA see Smith A
Quyymi AA see Epstein SE

R

Raafat F see Jones TJ
Rabahie GN see Auffermann W
Rabbani GH, Butler T, Patte D, Abud RL. Clinical trial of clonidine hydrochloride as an antisecretory agent in cholera. Gastroenterology 1989 Aug;97(2):321–5
Rabinowe SL see Brown FM
Raccuia JS see Ibrahim IM
Rachmilewitz D, Simon PL, Schwartz LW, Griswold DE, Fondacaro JD, Wasserman MA. Inflammatory mediators of experimental colitis in rats. Gastroenterology 1989 Aug; 97(2):326–37
Radkowski MA see Messinger A
Rae V, Falanga V. Wrinkling due to middermal elastolysis. Report of a case and review of the literature. Arch Dermatol 1989 Jul;125(7):950–1 (7 ref.)
Raff H see Lewin RF
Rafkin D see Thomas RL
Ragab AH see Nasr S
Raghu G, Masta S, Meyers D, Narayanan AS. Collagen synthesis by normal and fibrotic human lung fibroblasts and the effect of transforming growth factor-beta. Am Rev Respir Dis 1989 Jul;140(1):95–100
Ragland DR. Type A behavior and outcome of coronary disease [letter] N Engl J Med 1989 Aug 10;321(6):394
Rahal DP see Silberberg JS
Rahimtoola SH. Perspective on valvular heart disease: an update. J Am Coll Cardiol 1989 Jul;14(1):1–23 (155 ref.)
Rahimtoola SH see Bhandari AK
Raihle PC see Overman JA
Raimondi SC see Pui CH
Rainey PM. Fatal iatrogenic salicylate intoxication in a long-term user of enteric-coated aspirin [letter] Arch Pathol Lab Med 1989 Jul;113(7):711
Raizada MK see Werner H
Rajagopalan B see Som PM
Rajan AS, Hill RS, Boyd AE 3d. Effect of rise in cAMP levels on Ca2+ influx through voltage-dependent Ca2+ channels in HIT cells. Second-messenger synarchy in beta-cells. Diabetes 1989 Jul;38(7):874–80
Rajfer J see Pascual JA
Raju GS see Dilawari JB
Rakatansky H. Chocolate: pleasure or pain? [letter] Am J Psychiatry 1989 Aug;146(8):1089
Rakes SM see Bullock JD
Ralph MM see Andrianakis P
Ralston SH see Gallacher SJ
Ramakrishna BS, Gee D, Weiss A, Pannall P, Roberts-Thomson IC, Roediger WE. Estimation of phenolic conjugation by colonic mucosa. J Clin Pathol 1989 Jun; 42(6):620–3
Ramakrishnan G see Saikia TK
Ramakrishnan R see Whitlock ME
Ramakrishnan S, Manifold IH, Ward AM, Forster DM. CSF placental alkaline phosphatase as marker in cranial dysgerminoma [letter] Lancet 1989 Jul 22;2(8656):225
Ramamurthy S see Dumitru D
Ramballdi A see Biondi A
Rambo WM, Sosnowski JR, Othersen HB Jr, Lancaster CJ. The educational value of community preceptorships in surgery. Acad Med 1989 Jul;64(7):405–7
Ramchandani D. Dementia and depression [letter] Am J Psychiatry 1989 Aug;146(8):1079
Rametta V see Ferrara F
Ramin SM, Gilstrap LC 3d, Leveno KJ, Burris J, Little BB. Umbilical artery acid-base status in the preterm infant. Obstet Gynecol 1989 Aug;74(2):256–8
Ramirez PM see Merriam AE
Ramotar K see Conly J
Rampulla C see Cerveri I
Ramsay H see Palva T
Ramsdell JW see Renvall MJ
Ramsey KP, Goldbach RH, Stephenson SR. Near fatal aspiration of a candy pacifier. Pediatrics 1989 Jul; 84(1):126–7
Ramzy I see Wagner ED
Rand JA, Morrey BF, Bryan RS. Patellar tendon rupture after total knee arthroplasty. Clin Orthop 1989 Jul; (244):233–8
Rando RF, Lindheim S, Hasty L, Sedlacek TV, Woodland M, Eder C. Increased frequency of detection of human papillomavirus deoxyribonucleic acid in exfoliated cervical cells during pregnancy. Am J Obstet Gynecol 1989 Jul; 161(1):50–5
Rando RF see Sedlacek TV
Ranki H see Kahri AI
Rankin JH see Reid DL
Rannels DE, Rannels SR. Influence of the extracellular matrix on type 2 cell differentiation. Chest 1989 Jul;96(1):165–73 (78 ref.)
Rannels SR see Rannels DE
Ransley PG see Diamond DA
Ransley PG see Wollin M
Ransohoff J see Kupersmith MJ
Ransohoff J see Shapiro WR
Ranta-Knuuttila T, Kiviluoto T, Hyvärinen H, Lehtola A, Kivilaakso E. Prostaglandin protection against hemorrhage-induced gastric stress ulceration in the rat. Dig Dis Sci 1989 Jul;34(7):1028–34
Ranzi T, Campanini MC, Velio P, Quarto di Palo F, Bianchi P. Treatment of chronic proctosigmoiditis with cyclosporin enemas [letter] Lancet 1989 Jul 8;2(8654):97
Rao AR see Ryoo MC
Rao PS, Carey P. Doppler ultrasound in the prediction of pressure gradients across aortic coarctation. Am Heart J 1989 Aug;118(2):299–307
Rao PS see Thapar MK
Rao UN see Shiraki M
Rao VM see Mitchell DG
Rapaport R see Mintz M
Raper S see Pellegrini CA
Raphael SA, Wolfson BJ, Parker P, Lischner HW, Faerber EN. Pyomyositis in a child with acquired immunodeficiency syndrome. Patient report and brief review. Am J Dis Child 1989 Jul;143(7):779–81
Rappaport I see Co MA
Rappaport R see Gudinchet F
Rappaport WD, Putnam C. Sidewinder retention sutures for closure of the abdominal wall. Surg Gynecol Obstet 1989 Jul;169(1):73–4
Rarey KE, Tyneway D, Patterson K. Decreased adenosine triphosphatase activity in the absence of adrenocorticosteroids. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):817–21
Rarick M see Gill PS
Räsänen J, Kirkinen P, Jouppila P. Right ventricular dysfunction in human fetal compromise. Am J Obstet Gynecol 1989 Jul;161(1):136–40
Rashdi T see Higenbottam T
Rashwan M see Hoit BD
Raska K Jr see Kim HC
Rasmussen JE see McCusig CC
Rasmussen KM see Lutter CK
Rasmussen M see Turner MI
Rasoulpour M see Farley TA
Rassenti L see Pratt LF
Rastegar H see Manolis AS
Rath S see Barbash GI
Ratheiser K see Groop LC
Rathke A see Rayburn W
Ratib OM see Brunken RC
Ratliff NB, Myles JL. Rapidly progressive atherosclerosis in aortocoronary saphenous vein grafts. Possible immune-mediated disease. Arch Pathol Lab Med 1989 Jul; 113(7):772–6
Ratliff NB see Richards-Kortum R
Ratnavel RG see Murphy CE
Ratta BS see Wollin M
Raup S see Cerra FB
Rausch R, Babb TL, Engel J Jr, Crandall PH. Memory following intracarotid amobarbital injection contralateral to hippocampal damage. Arch Neurol 1989 Jul;46(7):783–8
Rauwerda JA see Bakker FC
Ray DA see Fisher GC
Ray DC, Drummond GB. Haemodynamic responses to nicardipine in humans anaesthetised with halothane. Anaesthesia 1989 May;44(5):382–5
Ray J, Jones BK, Liebhaber SA, Cooke NE. Glycosylated human growth hormone variant. Endocrinology 1989 Jul; 125(1):566–8
Rayburn W, Rathke A, Leuschen MP, Chleborad J, Weidner W. Fentanyl citrate analgesia during labor. Am J Obstet Gynecol 1989 Jul;161(1):202–6
Raymond AK see Batsakis JG
Raymond L see Becton DL
Raymond WR, Kearney JJ, Parmley VC. Ocular findings in

arteriohepatic dysplasia (Alagille's syndrome). Arch Ophthalmol 1989 Jul;107(7):1077
Rayner JR see **Ganz T**
Raz S see **Golomb J**
Razvi S see **Rosenfield K**
Rea HH see **O'Donnell TV**
Read NW see **Kerrigan DD**
Readett DR, Serjeant BE, Serjeant GR. Hurricane Gilbert anaemia [letter] Lancet 1989 Jul 8;2(8654):101–2
Reams C see **Macaluso RA**
Reath DB, Kirby J, Lynch M, Maull KI. Patterns of maxillofacial injuries in restrained and unrestrained motor vehicle crash victims. J Trauma 1989 Jun;29(6):806–9; discussion 809–10
Recht A see **Schnitt SJ**
Reda E see **Gill B**
Reda EF see **Ehrlich RM**
Redd RM see **Pedersen WR**
Reddy BR see **Boden WE**
Reddy DV, Chun LT, Yamamoto LG. Acute rheumatic fever with advanced degree AV block. Clin Pediatr (Phila) 1989 Jul;28(7):326–8
Reddy KK, Del Bigio MR, Sutherland GR. Ultrastructure of the human posttraumatic syrinx. J Neurosurg 1989 Aug; 71(2):239–43
Reddy PS see **Murali S**
Redline S, Tager IB, Segal MR, Gold D, Speizer FE, Weiss ST. The relationship between longitudinal change in pulmonary function and nonspecific airway responsiveness in children and young adults. Am Rev Respir Dis 1989 Jul;140(1):179–84
Redline S, Tager IB, Speizer FE, Rosner B, Weiss ST. Longitudinal variability in airway responsiveness in a population-based sample of children and young adults. Intrinsic and extrinsic contributing factors. Am Rev Respir Dis 1989 Jul;140(1):172–8
Redman HC see **Howard CA**
Reed JF see **Khubchandani IT**
Reed MW, Mullins AP, Anderson GL, Miller FN, Wieman TJ. The effect of photodynamic therapy on tumor oxygenation. Surgery 1989 Jul;106(1):94–9
Reed PS see **Franklin BA**
Reed RL 2d see **Lagerstrom CF**
Reed WW. Cigarette sales to minors through vending machines [letter] JAMA 1989 Aug 4;262(5):614–5
Rees DG see **Tudor-Williams G**
Rees L, Rigden SP, Ward GM. Chronic renal failure and growth. Arch Dis Child 1989 Apr;64(4):573–7
Rees MA see **Cole JA**
Rees SR see **Bogren HG**
Rees WD see **Shorrock CJ**
Reeve G, Martin DL, Pappas J, Thompson RE, Greene KD. An outbreak of shigellosis associated with the consumption of raw oysters. N Engl J Med 1989 Jul 27;321(4):224–7
Reeves WC. Concerns about the future of medical entomology in tropical medicine research [editorial] Am J Trop Med Hyg 1989 Jun;40(6):569–70
Rege RV see **Werbel GB**
Regenass S see **Pfisterer M**
Regine WF see **Sagerman RH**
Rego MD. Sexual abuse in childhood and Freud's seduction theory [letter] Am J Psychiatry 1989 Aug;146(8):1082–3
Regueiro JR, Perez-Aciego P, Manzanares J, Garcia-Hernandez G, Arnaiz-Villena A. Progress in the classification of severe combined immunodeficiency [letter] Pediatrics 1989 Jul;84(1):196–7
Rehbein A see **Pawelec GP**
Rehn BL, Stallings SF, Wolman PG, Cullen RW. Job satisfaction of South Carolina dietitians. J Am Diet Assoc 1989 Jul;89(7):979–81
Rehr RB, Tatum JL, Hirsch JI, Quint R, Clarke G. Reperfused-viable and reperfused-infarcted myocardium: differentiation with in vivo P-31 MR spectroscopy. Radiology 1989 Jul;172(1):53–8
Reichek N see **Douglas PS**
Reichert LE Jr see **Grasso P**
Reichlin M see **Harley JB**
Reichlin M see **Targoff IN**
Reichman LB. The National Tuberculosis Training Initiative. Ann Intern Med 1989 Aug 1;111(3):197–8
Reid BA Jr. Choledochoscopy of the cystic duct as a new approach to the biliary tree. Surg Gynecol Obstet 1989 Jul;169(1):68–70
Reid DL, Hollister MC, Davidson SR, Phernetton TM, Rankin JH. Uncoupling of excitation from contraction in uterine smooth muscle in near-term ewes. Am J Obstet Gynecol 1989 Jul;161(1):229–33
Reid E see **Conly J**
Reid G see **Egerdie RB**
Reid GC, Schmidt RW, Roberts JA, Hopkins MP, Barrett RJ, Morley GW. Primary melanoma of the vagina: a clinicopathologic analysis. Obstet Gynecol 1989 Aug; 74(2):190–9
Reid HF see **Henderson FW**
Reid J. The homeless and the changing British National Health Service [editorial] Am J Public Health 1989 Aug; 79(8):965–6
Reid J see **Carachi R**
Reid JC see **Kashani JH**
Reid JD see **Vestrup JA**
Reid L see **Docimo SG**
Reid SE, Anzarut A. Neurosyphilis and stroke in a patient with antibodies to the human immunodeficiency virus. Am J Med 1989 Jul;87(1):119–20
Reidenberg MM see **Ganley CJ**
Reifenberg L see **Gerhardt T**
Reijnen HA, Joosten HJ, de Boer HH. Diagnosis and treatment of adult intussusception. Am J Surg 1989 Jul; 158(1):25–8
Reilly BJ see **Kooh SW**
Reilly JM, Tilson MD. Incidence and etiology of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug; 69(4):705–11 (50 ref.)
Reilly JM, Woodhouse CR. Small penis and the male sexual role. J Urol 1989 Aug;142(2 Pt 2):569–71; discussion 572
Reilly JM see **Woodhouse CR**
Reiman HM see **Scott SM**
Reinberg Y, Manivel JC, Fraley EE. Carcinoma in situ of the testis. J Urol 1989 Aug;142(2):243–7 (54 ref.)
Reinberg Y see **Manivel JC**
Reinhardt TA see **Goff JP**
Reinhardt V see **Rünzi MW**
Reinwein D see **Rünzi MW**
Reis GJ, Boucher TM, Sipperly ME, Silverman DI, McCabe CH, Baim DS, Sacks FM, Grossman W, Pasternak RC. Randomised trial of fish oil for prevention of restenosis after coronary angioplasty. Lancet 1989 Jul 22; 2(8656):177–81
Reiser P see **Ong L**
Reisz G see **Johnston H**
Rekate HL see **Dickman CA**
Remmers EF see **Kumkumian GK**
Remmers EF see **Lafyatis R**
Remmler D, Thomas JR, Mazoujian G, Pentland A, Schechtman K, Favors S, Bauer E. Use of injectable cultured human fibroblasts for percutaneous tissue implantation. An experimental study. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):837–44
Remmler DJ see **Thomas JR**
Rempel D. The lead-exposed worker. JAMA 1989 Jul 28; 262(4):532–4 (19 ref.)
Rempel D see **Blanc PD**
Rench MA see **Kohl S**
Rendell M, Bergman T, O'Donnell G, Drobay E, Borgos J, Bonner RF. Microvascular blood flow, volume, and velocity measured by laser Doppler techniques in IDDM. Diabetes 1989 Jul;38(7):819–24
Reneman RS see **van der Starre PJ**
Rénia L see **Nudelman S**
Renner JB see **Block FE**
Rennie J see **Murphy NP**
Rennie JM, Baker B, Lucas A. Does dexamethasone suppress the ACTH response in preterm babies? Arch Dis Child 1989 Apr;64(4):612–3
Rennollet H see **Mohr-Kahaly S**
Renon D see **Salmeron S**
Rentrop KP, Feit F, Sherman W, Stecy P, Hosat S, Cohen M, Rey M, Ambrose J, Nachamie M, Schwartz W, et al. Late thrombolytic therapy preserves left ventricular function in patients with collateralized total coronary occlusion: primary end point findings of the Second Mount Sinai-New York University Reperfusion Trial. J Am Coll Cardiol 1989 Jul;14(1):58–64
Renvall MJ, Spindler AA, Ramsdell JW, Paskvan M. Nutritional status of free-living Alzheimer's patients. Am J Med Sci 1989 Jul;298(1):20–7
Renvoize E, Clayden D. Suicide and unemployment [letter] BMJ 1989 Apr 29;298(6681):1180
Replogle RL see **Nakata S**
Reppert SM see **Rivkees SA**
Resch H see **Vogelsang H**
Rescorla FJ, Grosfeld JL, West KJ, Vane DW. Changing patterns of treatment and survival in neonates with meconium ileus. Arch Surg 1989 Jul;124(7):837–40
Resnick M see **Kofoed L**
Resnick MB, Carter RL, Ariet M, Bucciarelli RL, Evans JH, Furlough RR, Ausbon WW, Curran JS. Effect of birth weight, race, and sex on survival of low-birth-weight infants in neonatal intensive care. Am J Obstet Gynecol 1989 Jul;161(1):184–7
Ressler R see **Prentky RA**
Restuccia JD see **Kreger BE**
Retik AB see **Bauer SB**
Retik AB see **Docimo SG**
Retik AB see **Joseph DB**
Retik AB see **Peters CA**
Retsas S, Leslie M, Bottomley D. Intralesional tumour necrosis factor combined with interferon gamma in metastatic melanoma. BMJ 1989 May 13;298(6683):1290–1
Rettenbacher L see **Rieger R**
Rettie AE see **Kerr BM**
Rettig PC. Greater budget battles ahead [interview by Michele Robinson] Hospitals 1989 Jul 5;63(13):60–2
Reuler JB. Health care for the homeless in a national health program. Am J Public Health 1989 Aug;79(8):1033–5
Reveille JD see **Hagglund KJ**
Revert L see **Escolar G**
Reves JG, Nugent M. New directions in anesthesia subspecialty training? [editorial] Anesth Analg 1989 Jul; 69(1):867–9
Rey B see **Saada M**
Rey M see **Rentrop KP**
Reyes A see **Labeta MO**
Reynolds CF see **Sanders MH**
Reynolds LK see **Driskell JA**
Reynolds P see **Hu H**
Reynolds PI see **Van der Spek AF**
Reza FM, Kruss DM, Iber FL. Colon polyps in the elderly: appropriate primary care follow-up. Geriatrics 1989 Jul; 44(7):47–51, 54
Rezai K see **Rumberger JA**
Rezende-Filho J, Di Lorenzo C, Dooley CP, Valenzuela JE. Cisapride stimulates antral motility and decreases biliary reflux in patients with severe dyspepsia. Dig Dis Sci 1989 Jul;34(7):1057–62
Rhead WJ see **Booth FA**
Rhoads GG see **Klebanoff MA**
Rhodes M, Brader A, Lucke J, Gillott A. Direct transport to the operating room for resuscitation of trauma patients. J Trauma 1989 Jul;29(7):907–13; discussion 913–5
Rhyne C see **Kofoed L**
Ricard L see **Ng KH**
Riccardi V see **Jaakkola S**
Ricciardi J see **Jenike MA**
Rice L see **Johnston DL**
Rice LW, Lage JM, Berkowitz RS, Goldstein DP, Bernstein MR. Repetitive complete and partial hydatidiform mole. Obstet Gynecol 1989 Aug;74(2):217–9
Rice TB see **Garland JS**
Rice TW see **Hyduke JF**
Rich KM see **Tempelhoff R**
Richards AJ. Ankylosing spondylitis and exercise [letter] Br J Rheumatol 1989 Aug;28(4):365
Richards I see **Kaplan WE**
Richards MS, Goldberg J, Rodin MB, Anderson RJ. Alcohol consumption and problem drinking in white male veterans and nonveterans. Am J Public Health 1989 Aug; 79(8):1011–5
Richards TW see **Kaplan WE**
Richards W. Hospitalization of children with status asthmaticus: a review. Pediatrics 1989 Jul;84(1):111–8
Richards-Kortum R, Mehta A, Hayes G, Cothren R, Kolubayev T, Kittrell C, Ratliff NB, Kramer JR, Feld MS. Spectral diagnosis of atherosclerosis using an optical fiber laser catheter. Am Heart J 1989 Aug;118(2):381–91
Richardson EP Jr see **Louis DN**
Richardson JD see **Livingston DH**
Richardson JD see **Miller FB**
Richardson SG, Allen DC, Morton P, Murtagh JG, Scott ME, O'Keeffe DB. Pathological changes after intravenous streptokinase treatment in eight patients with acute myocardial infarction. Br Heart J 1989 May;61(5):390–5
Richli WR see **O'Keeffe F**
Richman DD see **Larsen RA**
Richmond C. Myalgic encephalomyelitis, Princess Aurora, and the wandering womb. BMJ 1989 May 13; 298(6683):1295–6
Richter GM see **Rössle M**
Richter J see **Kiatboonsri P**
Richwald GA, Greenland S, Gerber MM, Potik R, Kersey L, Comas MA. Effectiveness of the cavity-rim cervical cap: results of a large clinical study. Obstet Gynecol 1989 Aug; 74(2):143–8
Rickard KA, Godshall BJ, Loghmani ES, Coates TD, Grosfeld JL, Weetman RM, Lingard CD, Foland BB, Yu PL, McGuire W, et al. Integration of nutrition support into oncologic treatment protocols for high and low nutritional risk children with Wilms' tumor. A prospective randomized study. Cancer 1989 Jul 15;64(2):491–509
Ricker K see **Moxley RT 3d**
Rickwood AM see **Diamond DA**
Riddle GD see **Martens MG**
Rideout D see **Thomas GM**
Ridgway GL see **Mumtaz G**
Riding GA see **Willadsen P**
Ridker PM. Hepatic veno-occlusive disease and herbal teas [letter] J Pediatr 1989 Jul;115(1):167
Ridler MA see **Rowe IF**
Ridley MG, Cheung NT, Myles AB. Profound leucopenia with Salazopyrin EN [letter] Br J Rheumatol 1989 Aug; 28(4):364–5
Rie MA. Regionalized intensive care units and Medicare: ethics, public policy, and outcome research [editorial] Crit Care Med 1989 Jul;17(7):704–5
Ried HL see **Stewart RR**
Rieder HL, Cauthen GM, Kelly GD, Bloch AB, Snider DE Jr. Tuberculosis in the United States. JAMA 1989 Jul 21; 262(3):385–9 (29 ref.)
Rieder KA see **Saba VK**
Riedmiller H see **Bürger RA**
Riefkohl RE see **Georgiade NG**
Rieger R, Pimpl W, Money S, Rettenbacher L, Galvan G. Hyperthyroidism and concurrent thyroid malignancies. Surgery 1989 Jul;106(1):6–10
Riehl RM see **Vancaillie TG**
Rieker P see **Peteet JR**
Riekkinen PJ see **Salmon DP**
Riezzo G see **Pezzolla F**
Rifkin A. Obsessive-compulsive disorder. How primary care physicians can help. Postgrad Med 1989 Jul;86(1):157–8, 163–8 (24 ref.)
Rifkin MD see **Mitchell DG**
Rifkind EA see **Logan RF**
Rigaud M see **Hugon J**
Rigden SP see **Rees L**
Rigel DF see **Benson DW**

Riggs BS, Bronstein AC, Kulig K, Archer PG, Rumack BH. Acute acetaminophen overdose during pregnancy. Obstet Gynecol 1989 Aug;74(2):247–53
Riggs JE, Moss AH, Labosky DA, Liput JH, Morgan JJ, Gutmann L. Upper extremity ischemic monomelic neuropathy: a complication of vascular access procedures in uremic diabetic patients. Neurology 1989 Jul;39(7):997–8
Riggs MW, McGuire TC, Mason PH, Perryman LE. Neutralization-sensitive epitopes are exposed on the surface of infectious Cryptosporidium parvum sporozoites. J Immunol 1989 Aug 15;143(4):1340–5
Riley HD Jr. Health manpower. II. Physician time expended in shaving [letter] South Med J 1989 Jul;82(7):932–3
Riley S see **Viegas SF**
Rimer BK, Keintz MK, Kessler HB, Engstrom PF, Rosan JR. Why women resist screening mammography: patient-related barriers. Radiology 1989 Jul;172(1):243–6
Rinaldi MG see **Ahrens J**
Ring WS see **Pierpont ME**
Ringel K see **Miller P**
Ringenberg QS, Doll DC, Loy TS, Yarbro JW. Malignant ascites of unknown origin. Cancer 1989 Aug 1;64(3):753–5
Ringler DJ see **Tsubota H**
Rink RC see **Woodbury PW**
Rinke WJ see **Berry MW**
Riolo F see **Belli L**
Ríos-Olivares EO see **Kaplan JE**
Riou B, Lecarpentier Y, Viars P. Inotropic effect of ketamine on rat cardiac papillary muscle. Anesthesiology 1989 Jul; 71(1):116–25
Riquelme R see **Serón-Ferré M**
Ris HB, Klaiber C. Hemarthrosis of the ankle secondary to false aneurysm caused by impingement from an osteophyte. A case report. J Bone Joint Surg [Am] 1989 Jul;71(6):935–7
Risbridger GP see **Drummond AE**
Risch HA see **Miller AB**
Risenfors M see **Herlitz J**
Riss E see **Kahn HA**
Ritchie EL see **Smith FL**
Rittenberg MB see **Buenafe AC**
Ritter MA, Gandolf VS, Holston KS. Continuous passive motion versus physical therapy in total knee arthroplasty. Clin Orthop 1989 Jul;(244):239–43
Ritvo ER, Jorde LB, Mason-Brothers A, Freeman BJ, Pingree C, Jones MB, McMahon WM, Petersen PB, Jenson WR, Mo A. The UCLA-University of Utah epidemiologic survey of autism: recurrence risk estimates and genetic counseling. Am J Psychiatry 1989 Aug;146(8):1032–6
Rivara FP, Wolf ME. Injury research: where should we go from here? Pediatrics 1989 Jul;84(1):180–1
Rivara FP, Calonge N, Thompson RS. Population-based study of unintentional injury incidence and impact during childhood. Am J Public Health 1989 Aug;79(8):990–4
Rivera GK see **Pui CH**
Rivera J see **Nuñez JM**
Rivera LR see **Visscher DW**
Rivera M see **Wolff MS**
Rivera VM. Safety of intrathecal steroids in multiple sclerosis [letter] Arch Neurol 1989 Jul;46(7):718–9
Rivier C, Vale W. Immunoneutralization of endogenous inhibin modifies hormone secretion and ovulation rate in the rat. Endocrinology 1989 Jul;125(1):152–7
Rivkees SA, Cassone VM, Weaver DR, Reppert SM. Melatonin receptors in chick brain: characterization and localization. Endocrinology 1989 Jul;125(1):363–8
Rizkallah MF, Tolaymat A, Martinez JS, Schlievert PM, Ayoub EM. Toxic shock syndrome caused by a strain of Staphylococcus aureus that produces enterotoxin C but not toxic shock syndrome toxin-1. Am J Dis Child 1989 Jul; 143(7):848–9
Roach PJ see **Ferguson DW**
Roat MI, Sossi G, Lo CY, Thoft RA. Hyperproliferation of conjunctival fibroblasts from patients with cicatricial pemphigoid. Arch Ophthalmol 1989 Jul;107(7):1064–7
Robalino BD, Whitlow PL, Underwood DA, Salcedo EE. Electrocardiographic manifestations of right ventricular infarction. Am Heart J 1989 Jul;118(1):138–44 (37 ref.)
Robalino J see **Rosenblatt M**
Robbins AS, Rubenstein LZ, Josephson KR, Schulman BL, Osterweil D, Fine G. Predictors of falls among elderly people. Results of two population-based studies. Arch Intern Med 1989 Jul;149(7):1628–33
Robbins B see **Pratt LF**
Robbins PB see **Clouse KA**
Roberts AB, Mitchell JM, Pattison NS. Fetal liver length in normal and isoimmunized pregnancies. Am J Obstet Gynecol 1989 Jul;161(1):42–6
Roberts AB see **Lafyatis R**
Roberts CC see **Friesen CA**
Roberts CT Jr see **Hernandez ER**
Roberts CT Jr see **Werner H**
Roberts EA see **Kooh SW**
Roberts HJ. Sequelae of electrical shock [letter] South Med J 1989 Jul;82(7):931
Roberts JA see **Reid GC**
Roberts MC see **Zlatkin MB**
Roberts P, Grimer RJ. Mobilisation after Achilles tendon rupture [letter] Lancet 1989 Jul 22;2(8656):224
Roberts PL see **Paavonen J**
Roberts R see **Boden WE**
Roberts R see **Johnston DL**
Roberts WS see **Hoffman M**
Roberts-Thomson IC see **Ramakrishna BS**
Robertson CL, Kopans DB. Communication problems after mammographic screening. Radiology 1989 Aug; 172(2):443–4
Robertson DI see **Duggan MA**
Robertson JA, Salusky IB, Goodman WG, Norris KC, Coburn JW. Sucralfate, intestinal aluminum absorption, and aluminum toxicity in a patient on dialysis. Ann Intern Med 1989 Jul 15;111(2):179–81
Robertson JT see **Shapiro WR**
Robertson T see **Stone PH**
Robertson WM, Welch KM, Levine SR, Schultz LR. The effects of aging on cerebral blood flow in migraine. Neurology 1989 Jul;39(7):947–51
Robie P see **Fred HL**
Robins LN see **Earls F**
Robinson BE see **Murphy DJ**
Robinson BW see **Hayes AA**
Robinson D, Hendel D, Halperin N. An overlapping pubic dislocation treated by closed reduction: case report and review of the literature. J Trauma 1989 Jun;29(6):883–5 (6 ref.)
Robinson EA see **Shuldiner AR**
Robinson GH, Schriver J. Immigration issues in hiring alien physicians as teachers. Acad Med 1989 Jul;64(7):357–62
Robinson JB see **Pinkerton PH**
Robinson JD, Crawford SC, Teresi LM, Schiller VL, Lufkin RB, Harnsberger HR, Dietrich RB, Crim JR, Duckwiler GR, Spickler EM, et al. Extracranial lesions of the head and neck: preliminary experience with Gd-DTPA-enhanced MR imaging. Radiology 1989 Jul; 172(1):165–70
Robinson JE Jr see **Burnett D**
Robinson JK. Actinic cheilitis. A prospective study comparing four treatment methods. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):848–52
Robinson K. Critical care units [letter] Heart Lung 1989 Jul; 18(4):430
Robinson K, Mulrow JP, Rowland E, McKenna WJ. Long-term effects of amiodarone on hepatic function. Am J Cardiol 1989 Jul 1;64(1):95–6
Robinson LK see **Gross DM**
Robinson ML. Hospitals faced with declining Part B payments. Hospitals 1989 Jul 5;63(13):22–5
Robinson ML. Part B reform: is it the answer for hospitals? Hospitals 1989 Jul 5;63(13):25–6
Robinson NE see **Gray PR**
Robinson PJ see **Larvin M**
Robinson PJ see **Parkin A**
Robinson RG see **Laurent R**
Robinson VJ, Manyari DE, Tyberg JV, Fick GH, Smith ER. Volume-pressure analysis of reflex changes in forearm venous function. A method by mental arithmetic stress and radionuclide plethysmography. Circulation 1989 Jul; 80(1):99–105
Robison JG, Beckett WC Jr, Mills JL, Elliott BM, Roettger R. Aortic reconstruction in high-risk pulmonary patients. Ann Surg 1989 Jul;210(1):112–7
Robitaille P see **Steele BT**
Robson DS see **Lutter CK**
Robson MS see **McIndoe GA**
Robson SC, Boys RJ, Hunter S, Dunlop W. Maternal hemodynamics after normal delivery and delivery complicated by postpartum hemorrhage. Obstet Gynecol 1989 Aug;74(2):234–9
Robuschi G see **Roti E**
Rocchini AP see **Beekman RH**
Roche A see **Irving JD**
Roche NS see **Lafyatis R**
Roche S see **Thompson AJ**
Rocher LL see **Lin HY**
Rocklin MS, Apelgren KN, Slomski CA, Kandzari SJ. Scrotal incarceration of the ureter with crossed renal ectopia: case report and literature review. J Urol 1989 Aug;142(2):366–8 (17 ref.)
Rockney R, Ryan R, Knuckey N. Spinal epidural abscess. An infectious emergency. Case report and review. Clin Pediatr (Phila) 1989 Jul;28(7):332–4 (4 ref.)
Rocmans P see **Klastersky J**
Rode H see **Christou NV**
Rodin MB see **Richards MS**
Rodnick JE see **Adamson TE**
Rodrigues EA, Maddahi J, Brown H, Pantaleo N, Freeman M, Koerner S, Waxman A, Berman DS. Responses of left and right ventricular ejection fractions to aerobic and anaerobic phases of upright and supine exercise in normal subjects. Am Heart J 1989 Aug;118(2):319–24
Rodrigues J see **Banerjee K**
Rodriguez A see **Cornwell EE 3d**
Rodriguez M see **Carter JL**
Rodriguez NR, Miles JM, Schwenk WF, Haymond MW. Effects of acute metabolic acidosis and alkalosis on leucine metabolism in conscious dogs. Diabetes 1989 Jul; 38(7):847–53
Roeder WD see **Firestein GS**
Roeder WD see **Zuckerman SH**
Roediger WE see **Ramakrishna BS**
Roenigk HH see **Gold MH**
Roerig DL, Kotrly KJ, Ahlf SB, Dawson CA, Kampine JP. Effect of propranolol on the first pass uptake of fentanyl in the human and rat lung. Anesthesiology 1989 Jul; 71(1):62–8
Roettger R see **Robison JG**
Rogers GJ see **Bertin VJ**
Rogers LQ, Fincher RM, Lewis LA, Nance LD 3d. A survey to determine factors influencing medical students' career choices. Acad Med 1989 Jul;64(7):417
Rogers MC see **Schleien CL**
Rogers RE see **el-Dabh A**
Rogers RE see **Sutton GP**
Rogers RM see **Sanders MH**
Rogers TJ see **Taub DD**
Rogers WJ see **Henzlova MJ**
Rognoni MT see **Sideri M**
Rohner A see **Clavien PA**
Roine RO, Somer H, Kaste M, Viinikka L, Karonen SL. Neurological outcome after out-of-hospital cardiac arrest. Prediction by cerebrospinal fluid enzyme analysis. Arch Neurol 1989 Jul;46(7):753–6
Roisman I, Manny J, Fields S, Shiloni E. Intra-abdominal lymphangioma. Br J Surg 1989 May;76(5):485–9 (65 ref.)
Rojansky N see **Ophir E**
Rojo JM see **Barasoain I**
Rokey R see **Johnston DL**
Rokous F see **Prentky RA**
Rola-Pleszczynski M see **Dubois C**
Rolfe B see **Beals RK**
Rolfe M see **Tang CM**
Rolston K see **Khardori N**
Romani F see **Belli L**
Romano T see **Whittaker P**
Romero-Gwynn E. Breast-feeding pattern among Indochinese immigrants in northern California. Am J Dis Child 1989 Jul;143(7):804–8
Romney DM see **Smith DL**
Romond EH, Macdonald JS, Martin CA, Dick A, Furst RW, Kilner JF, Engelberg J, Bosomworth PP. Bone marrow transplantation [clinical conference] Hosp Pract [Off] 1989 Jul 15;24(7):169–70, 173, 176–81 passim
Ron E see **Moroz C**
Ron-El R, Weinraub Z, Langer R, Bukovsky I, Caspi E. The importance of ultrasonography in infertile women with "forgotten" intrauterine contraceptive devices. Am J Obstet Gynecol 1989 Jul;161(1):211–2
Ron-el R see **Langer R**
Ronconi F see **Ferrara F**
Rondinara G see **Belli L**
Rongione AJ see **Steg PG**
Rook JL, Green RF, Purgliese GN, Silane M. Thrombosis of axillary-femoral bypass secondary to prosthesis suspension belt. Arch Phys Med Rehabil 1989 Jul; 70(7):559–61
Rooney M see **Soden M**
Roos RP see **Siddique T**
Root JK see **Brazer SR**
Roozendaal K see **Schornagel JH**
Ropella KM, Sahakian AV, Baerman JM, Swiryn S. The coherence spectrum. A quantitative discriminator of fibrillatory and nonfibrillatory cardiac rhythms. Circulation 1989 Jul;80(1):112–9
Roper PD. Prodromal symptoms [letter] Am J Psychiatry 1989 Jul;146(7):941–2
Ropp LJ see **Li M**
Ros SP. Pseudomonas bacteremia in a previously healthy 2-year-old boy. Clin Pediatr (Phila) 1989 Jul;28(7):336
Rosan JR see **Rimer BK**
Rosansky SJ, Speth C. Dialysis relief effort for Armenia [letter] N Engl J Med 1989 Jul 27;321(4):264–5
Roscher R see **Safi F**
Roscoe RJ, Steenland K, Halperin WE, Beaumont JJ, Waxweiler RJ. Lung cancer mortality among nonsmoking uranium miners exposed to radon daughters. JAMA 1989 Aug 4;262(5):629–33
Rose AH see **Hayes AA**
Rose DN see **Silver AL**
Rose LA see **Howard G**
Rose RP see **Luchins DJ**
Rose SJ. Physical therapy diagnosis: role and function. Phys Ther 1989 Jul;69(7):535–7
Rose SJ see **Delitto A**
Rose TG Jr see **Koran LM**
Rosegay H see **Mampalam TJ**
Rosen D see **Bhatta KM**
Rosen N see **Fillit H**
Rosenbaum A, Hoge SK. Head injury and marital aggression. Am J Psychiatry 1989 Aug;146(8):1048–51
Rosenbaum A see **Zammit G**
Rosenbaum JF see **Gastfriend DR**
Rosenberg AA see **Abman SH**
Rosenberg AE see **Louis DN**
Rosenberg BH see **Jacobson JA**
Rosenberg H see **Allen G**
Rosenberg H see **Gross DM**
Rosenberg IH, Mason JB. Folate, dysplasia, and cancer [editorial] Gastroenterology 1989 Aug;97(2):502–3
Rosenberg L, Vinik AI. Induction of endocrine cell differentiation: a new approach to management of diabetes. J Lab Clin Med 1989 Jul;114(1):75–83
Rosenberg PH see **Heavner JE**
Rosenberg SA see **Kasid A**
Rosenberg SA see **Saris SC**
Rosenberg TK see **Kashani JH**
Rosenblatt M, Robalino J, Bergman A, Shevde K. Pleural block: technique for regional anesthesia during

percutaneous hepatobiliary drainage. Radiology 1989 Jul; 172(1):279–80
Rosenblum LA see **Sunderland G**
Rosenblum M, Scheck AC, Cronin K, Brew BJ, Khan A, Paul M, Price RW. Dissociation of AIDS-related vacuolar myelopathy and productive HIV-1 infection of the spinal cord. Neurology 1989 Jul;39(7):892–6
Rosenblum ML see **Mampalam TJ**
Rosene DL see **Demeter S**
Rosenfeld JV, Barnett GH, Sila CA, Little JR, Bravo EL, Beck GJ. The effect of subarachnoid hemorrhage on blood and CSF atrial natriuretic factor. J Neurosurg 1989 Jul; 71(1):32–7
Rosenfield A. Maternal mortality in developing countries. An ongoing but neglected 'epidemic'. JAMA 1989 Jul 21; 262(3):376–9 (39 ref.)
Rosenfield K, Kelly SM, Fields CD, Pastore JO, Weinstein R, Palefski P, Langevin RE Jr, Kosowsky BD, Razvi S, Isner JM. Noninvasive assessment of peripheral vascular disease by color flow Doppler/two-dimensional ultrasound. Am J Cardiol 1989 Jul 15;64(3):247–51
Rosenfield RL see **Cara JF**
Rosenkilde-Gram B see **Wilken-Jensen C**
Rosenstein ED see **Conti JA**
Rosenstock L see **Sherman CB**
Rosenthal A see **Vermilion RP**
Rosenthal E, Montarello JK, Palmer T, Curry PV. Coronary artery thermal damage during percutaneous "hot tip" laser-assisted angioplasty. Am J Cardiol 1989 Jul 1; 64(1):116–20
Rosenthal NE see **Wehr TA**
Rosenthal T see **Schiff E**
Rosenthal WS see **Stein BE**
Rosin AJ see **Kramer MR**
Rosner B see **Redline S**
Rosner IK see **Co MA**
Ross AM see **Wasserman AG**
Ross B see **Milner PC**
Ross J see **Dean E**
Ross JS see **VanDyke C**
Ross N, Timberlake GA, Rubino LJ, Kerstein MD. High cost of trauma care in the elderly. South Med J 1989 Jul; 82(7):857–9
Ross RR see **Smith WL**
Ross W see **Weisberg LA**
Rossander-Hulthén L see **Hallberg L**
Rosser R see **Ball R**
Rossi V see **Biondi A**
Rösele M, Richter GM, Nöldge G, Palmaz JC, Wenz W, Gerok W. New non-operative treatment for variceal haemorrhage [letter] Lancet 1989 Jul 15;2(8655):153
Rostom AY see **Stockdale AD**
Roth A see **Barbash GI**
Roth DR see **Decter RM**
Roth FJ see **Vallbracht C**
Roth J see **Shuldiner AR**
Roth JA see **Shiraki M**
Roth LH see **Appelbaum PS**
Roth LM see **Sutton GP**
Roth RA see **Beckmann CF**
Roth RA see **Gray PR**
Roth WT see **Hayward C**
Rothlein R see **Barton RW**
Rothman RH see **Foley M**
Rothschild HR see **Fink MP**
Rothstein JM. On defining subjective and objective measurements. Phys Ther 1989 Jul;69(7):577–9
Rothstein JM see **Echternach JL**
Rothstein MS see **Kuttner BJ**
Roti E, Gardini E, Minelli R, Salvi M, Robuschi G, Braverman LE. Methimazole and serum thyroid hormone concentrations in hyperthyroid patients: effects of single and multiple daily doses. Ann Intern Med 1989 Jul 15; 111(2):181–2
Rotrosen J see **Wolkin A**
Rotstein Z see **Barbash GI**
Rottem S see **Bronshtein M**
Rottman JN see **Kuchar DL**
Roubin GS see **Ellis SG**
Rouquier S see **Giorgi D**
Rousseau M see **Dion R**
Rovati LC see **Meyer BM**
(Rovenstine EA), Fifty-two years ago in Anesthesia & Analgesia. E. A. Rovenstine: Anesthesia: organization for teaching. Current Researches in Anesthesia and Analgesia: 1937;16:318–22. Anesth Analg 1989 Jul;69(1):984
Rowe DW see **Harrison JR**
Rowe GP, McGregor M, Napier JA. Lewis negative genotype and breast cancer risk [letter] Lancet 1989 Jul 22; 2(8656):227–8
Rowe IF, Ridler MA, Gibberd FB. Presenile dementia associated with mosaic trisomy 21 in a patient with a Down syndrome child [letter] Lancet 1989 Jul 22;2(8656):229
Rowe WW, Simpson RJ Jr, Tate DA, Willis PW 4th, Nichols TC, Noneman JW, Gettes LS. Nonemergent cardiac catheterization and risk-stratified revascularization following thrombolytic therapy for acute myocardial infarction. A critical analysis of therapy in the community setting. University of North Carolina Cardiology Consortium. Arch Intern Med 1989 Jul;149(7):1611–7
Rowland E see **Robinson K**
Rowlands BJ see **Lagerstrom CF**
Rowley VA see **Gibney RG**
Roy A, De Jong J, Linnoila M. Extraversion in pathological gamblers. Correlates with indexes of noradrenergic function. Arch Gen Psychiatry 1989 Aug;46(8):679–81
Roy L see **Biem J**
Roy TM see **Fields CL**
Roy-Byrne PP, Dager SR, Cowley DS, Vitaliano P, Dunner DL. Relapse and rebound following discontinuation of benzodiazepine treatment of panic attacks: alprazolam versus diazepam. Am J Psychiatry 1989 Jul;146(7):860–5
Rozanski A see **LaVeau PJ**
Ruane TJ. Obstetrics in family practice [letter] J Fam Pract 1989 Jul;29(1):16
Rubenfeld LA see **Varni JW**
Rubens JR see **Shin JH**
Rubenstein LZ see **Robbins AS**
Rubesin SE see **Levine MS**
Rubin A see **Stransky M**
Rubin EH, Kinscherf DA. Psychopathology of very mild dementia of the Alzheimer type. Am J Psychiatry 1989 Aug;146(8):1017–21
Rubin JT see **Saris SC**
Rubin JW see **Dick AE**
Rubino LJ see **Ross N**
Rubinstein A see **Bernstein LJ**
Rubinstein DB see **Souroujon MC**
Rubio-Garcia R, Garcia-Diaz JD, Cruz Ortiz M, Praga M. IgG myeloma with hyperviscosity presenting as malignant arterial hypertension. Am J Med 1989 Jul;87(1):119
Ruckley CV see **Stonebridge PA**
Ruder H, Schaefer F, Gretz N, Möhring S, Schärer K. Donor kidneys of infants and very young children are unacceptable for transplantation [letter] Lancet 1989 Jul 15;2(8655):168
Rudick RA, French CA, Breton D, Williams GW. Relative diagnostic value of cerebrospinal fluid kappa chains in MS: comparison with other immunoglobulin tests. Neurology 1989 Jul;39(7):964–8
Rudorfer MV, Osman OT, Potter WZ. Alprazolam and aggression [letter] Am J Psychiatry 1989 Jul;146(7):949–50
Rueckert F. Ear models [letter] Plast Reconstr Surg 1989 Aug;84(2):370
Ruedrich DA, Devoe LD, Searle N. Effects of maternal hyperoxia on the biophysical assessment of fetuses with suspected intrauterine growth retardation. Am J Obstet Gynecol 1989 Jul;161(1):188–92
Ruff M see **Bridge TP**
Ruffin MR 4th. On shock absorbent insoles to prevent bone fractures [letter] Am J Public Health 1989 Aug; 79(8):1056–7
Ruggieri S, Stocchi F, Carta A, Catarci M, Agnoli A. Jejunal delivery of levodopa methyl ester [letter] Lancet 1989 Jul 1;2(8653):45–6
Ruiz C see **Bermúdez FJ**
Ruiz J see **Monreal M**
Ruiz MT, Pascual E, Balaguer E, Pascual E. Patient understanding of the causes and medical treatment of rheumatic diseases in Spain [letter] Br J Rheumatol 1989 Aug;28(4):365–6
Ruiz Perales F see **Marti-Bonmati L**
Rulin MC, Davidson AR, Philliber SG, Graves WL, Cushman LF. Changes in menstrual symptoms among sterilized and comparison women: a prospective study. Obstet Gynecol 1989 Aug;74(2):149–54
Rumack BH see **Riggs BS**
Rumberger JA, Weiss RM, Feiring AJ, Stanford W, Hajduczok ZD, Rezai K, Marcus ML. Patterns of regional diastolic function in the normal human left ventricle: an ultrafast computed tomographic study. J Am Coll Cardiol 1989 Jul;14(1):119–26
Rumsey NK see **Lurain JR**
Rundle SE see **Krozowski ZS**
Runyan DK see **Kraybill EN**
Rüinzi MW, Jaspers C, Windeck R, Benker G, Mehdorn M, Reinhardt V, Reinwein D. Treatment of meningioma with octreotide [letter] Lancet 1989 Jul 22;2(8656):217–8
Ruocco NA Jr see **Bergelson BA**
Ruokonen A see **Piikivi L**
Ruppin E see **Schiff E**
Ruscetti FW see **Goey H**
Rush CE see **Flaskerud JH**
Rushin JM, Flick MW. Pathologic quiz case 1. Intramuscular hemangioma, small vessel type, masseter muscle (also known as infiltrating angiolipoma). Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):878–81
Rushton HG see **Strand WR**
Ruskin JN. The cardiac arrhythmia suppression trial (CAST) [editorial; comment] N Engl J Med 1989 Aug 10; 321(6):386–8. **Comment on:** N Engl J Med 1989 Aug 10;321(6):406–12
Ruskin JN see **Kuchar DL**
Ruskoaho H see **Kallio A**
Russell CD, Thorstad BL, Stutzman ME, Yester MV, Fowler D, Dubovsky EV. The kidney: imaging with Tc-99m mercaptoacetyltriglycine, a technetium-labeled analog of iodohippurate. Radiology 1989 Aug;172(2):427–30
Russell D see **Yates A**
Russell RC see **Dowsett JF**
Russell RI see **Taha AS**
Russell RM see **Seitz HK**
Russell SR, Blodi CF, Folk JC. Vitrectomy for complicated retinal detachments secondary to branch retinal vein occlusions. Am J Ophthalmol 1989 Jul 15;108(1):6–9
Russo DM, Sundy JS, Young JF, Maguire HC, Weidanz WP. Cell-mediated immune responses to vaccine peptides derived from the circumsporozoite protein of Plasmodium falciparum. J Immunol 1989 Jul 15;143(2):655–9
Russo J see **Katon W**
Rusy BF see **Bertha BG**
Rutgers M, Heusdens FA, Visser TJ. Metabolism of triiodothyroacetic acid (TA3) in rat liver. I. Deiodination of TA3 and TA3 sulfate by microsomes. Endocrinology 1989 Jul;125(1):424–32
Rutgers M, Heusdens FA, Bonthuis F, Visser TJ. Metabolism of triiodothyroacetic acid (TA3) in rat liver. II. Deiodination and conjugation of TA3 by rat hepatocytes and in rats in vivo. Endocrinology 1989 Jul;125(1):433–43
Ruth VJ. Prognostic value of creatine kinase BB-isoenzyme in high risk newborn infants. Arch Dis Child 1989 Apr; 64(4):563–8
Rutherford BD see **O'Keefe JH Jr**
Rutherford JD see **Hands ME**
Rutherford JD see **Stone PH**
Rutherford RB, McCroskey BL. Ruptured abdominal aortic aneurysms. Special considerations. Surg Clin North Am 1989 Aug;69(4):859–68 (25 ref.)
Rutherford RB see **Piotrowski JJ**
Rutland J see **De Iongh R**
Rutledge RH. The preperitoneal approach and prosthetic buttress repair for recurrent hernia: the evolution of a technique [letter] Ann Surg 1989 Jul;210(1):126
Rutten AJ see **Bersten AD**
Ryan CA, Soder CM. Relationship between core/peripheral temperature gradient and central hemodynamics in children after open heart surgery. Crit Care Med 1989 Jul; 17(7):638–40
Ryan EH Jr. An illuminated cannula for viscodelamination. Arch Ophthalmol 1989 Jul;107(7):1085
Ryan JM see **Pellegrino MJ**
Ryan R see **Rockney R**
Ryan TJ see **Bergelson BA**
Rybak LP see **Norfray JF**
Ryken TC see **Bright DA**
Rymaszewski Z see **Subbiah MT**
Ryoo MC, Kagan AR, Wollin M, Tomé MA, Tedeschi MA, Rao AR, Hintz BL, Kuruvilla AM, Nussbaum H, Streeter OE Jr, et al. Prognostic factors for recurrence and cosmesis in 393 patients after radiation therapy for early mammary carcinoma. Radiology 1989 Aug;172(2):555–9
Ryser ET, Marth EH. "New" food-borne pathogens of public health significance. J Am Diet Assoc 1989 Jul;89(7):948–54 (57 ref.)

S

Saada M, Duval AM, Bonnet F, Rey B, Castillon G, Macquin-Mavier I, Cabrit R, Boico O, Castaigne A. Abnormalities in myocardial segmental wall motion during lumbar epidural anesthesia. Anesthesiology 1989 Jul; 71(1):26–32
Saadi H see **Arafah BM**
Saba VK, Oatway DM, Rieder KA. How to use nursing information sources. Nurs Outlook 1989 Jul-Aug; 37(4):189–95
Sabates FN see **Sabates NR**
Sabates NR, Sabates FN, Sabates R, Lee KY, Ziemianski MC. Macular changes after retinal detachment surgery. Am J Ophthalmol 1989 Jul 15;108(1):22–9
Sabates R see **Sabates NR**
Sabati C see **Meyers AR**
Sabiston DC Jr see **Ungerleider RM**
Sabo B see **Dworetz AR**
Sachdev D, Wimalaratna H. Reactive arthritis in association with the Guillain-Barré-Strohl syndrome [letter] Br J Rheumatol 1989 Aug;28(4):359–60
Sachs HK, Moel DI. Height and weight following lead poisoning in childhood. Am J Dis Child 1989 Jul; 143(7):820–2
Sachs SA see **Lukash FN**
Sack KE see **Stevens MP**
Sackmann M see **Holl J**
Sackner MA. Indications and standards for cardiopulmonary sleep studies [letter] Am Rev Respir Dis 1989 Jul; 140(1):264–5
Sacks DL see **Da Silva RP**
Sacks FM see **Reis GJ**
Sacks HS see **Behrman RE**
Sacks TG see **Engelhard D**
Sadat A, Paulman PM, Mathews M. Hypernatremia in the elderly. Am Fam Physician 1989 Jul;40(1):125–8 (12 ref.)
Sade RM, Gillette PC. Fontan operation in a case of single functional pulmonary artery [letter] J Thorac Cardiovasc Surg 1989 Jul;98(1):153–4
Sadjadpour K. Chronic intestinal pseudo-obstruction [letter] Mayo Clin Proc 1989 Jun;64(6):728
Sadoff RS, Pliskin A. Cholesteatoma (keratoma) of the maxillary sinus: report of a case. J Oral Maxillofac Surg 1989 Aug;47(8):873–6
Sadowski JA, Hood SJ, Dallal GE, Garry PJ. Phylloquinone in plasma from elderly and young adults: factors influencing its concentration. Am J Clin Nutr 1989 Jul;50(1):100–8
Sadowsky NL see **Bright RA**
Saeed M, Wagner S, Wendland MF, Derugin N, Finkbeiner WE, Higgins CB. Occlusive and reperfused myocardial

infarcts: differentiation with Mn-DPDP—enhanced MR imaging. Radiology 1989 Jul;172(1):59–64
Saeki Y see Chen JJ
Safar M, Bons J, Georges D, Cournot A, Duchier J. Calcium blocker lacidipine and carotid arteriolar vasodilation in healthy volunteers. Clin Pharmacol Ther 1989 Jul; 46(1):94–8
Safi F, Bittner R, Roscher R, Schuhmacher K, Gaus W, Beger GH. Regional chemotherapy for hepatic metastases of colorectal carcinoma (continuous intraarterial versus continuous intraarterial/intravenous therapy). Results of a controlled clinical trial. Cancer 1989 Jul 15;64(2):379–87
Sagar RS. DSM-III-R definition of mental disorder [letter] Am J Psychiatry 1989 Aug;146(8):1077–8
Sage JI, McHale DM, Sonsalla P, Vitagliano D, Heikkila RE. Continuous levodopa infusions to treat complex dystonia in Parkinson's disease. Neurology 1989 Jul; 39(7):888–91
Sagebiel RW see Williams ML
Sagerman RH, Kotlove DJ, Regine WF, Chung CT, King GA, Dalal PS. Stage II seminoma: results of postorchiectomy irradiation. Radiology 1989 Aug;172(2):565–8
Sahakian AV see Ropella KM
Sahar A see Herchergs AA
Sahn DJ see Hoit BD
Sahn DJ see Moises VA
Saidi P see Kim HC
Saidman LJ, Eckenhoff JE, Vandam LD, Keats AS, Greene NM, Larson CP Jr, Michenfelder JD. Fifty years of Anesthesiology. Anesthesiology 1989 Jul;71(1):1–7
Saikia T see Banavali SD
Saikia TK, Advani SH, Ramakrishnan G, Swaroop S, Sharma S, Desai PB. Intermediate-dose methotrexate and cisplatin in the treatment of advanced epidermoid esophageal carcinoma. Response rate and disease-free survival. Cancer 1989 Jul 15;64(2):371–3
St. John RK see Quinn TC
St John Sutton MG see Bittl JA
St-Pierre Y, Nabavi N, Ghogawala Z, Glimcher LH, Watts TH. A functional role for signal transduction via the cytoplasmic domains of MHC class II proteins. J Immunol 1989 Aug 1;143(3):808–12
Saito H see Kamihara S
Saito M, Gotoh M, Kato K, Kondo A. Denervation supersensitivity of the rabbit urinary bladder to calcium ion. J Urol 1989 Aug;142(2):418–21
Saito M see Saito S
Saito S, Saito M, Nishina T, Ohzono K, Ono K. Long-term results of total hip arthroplasty for osteonecrosis of the femoral head. A comparison with osteoarthritis. Clin Orthop 1989 Jul;(244):198–207
Saito S see Ishikura H
Saito T see Kaketani K
Saito Y see Itoh H
Saito Y see Takasaki M
Sakaguchi K see Friedman E
Sakai K see Shu SY
Sakai M see Mori Y
Sakakura T see Murata T
Sakakura Y see Hamaguchi Y
Sakamoto K see Miyagawa S
Sakamoto K see Yokota M
Sakamoto S see Muroi K
Sakamoto Y see Takaoka K
Sakanoue Y see Kusunoki M
Sakr W see de Braud F
Sakzena S see An HL
Sala A see Miadonna A
Salako LA see Sowunmi A
Salas-Caudevilla A see Cinca J
Salata RA, Lerner PI, Shlaes DM, Gopalakrishna KV, Wolinsky E. Infections due to Lancefield group C streptococci. Medicine (Baltimore) 1989 Jul;68(4):225–39 (107 ref.)
Salaun JJ see Monath TP
Salazar OM. Combined modality treatment of small cell lung cancer. Chest 1989 Jul;96(1 Suppl):74S–78S (26 ref.)
Salazar R see Arafah BM
Salcedo EE see Robalino BD
Salcman M. Persistent trigeminal artery and pituitary adenoma [letter] J Neurosurg 1989 Aug;71(2):301–2
Salcman M see Day AL
Saleh J see Jackson IT
Salen G see Burnett D
Salhany KE, Page DL. Fine-needle aspiration of mammary lobular carcinoma in situ and atypical lobular hyperplasia. Am J Clin Pathol 1989 Jul;92(1):22–6
Salido E see Pascual JA
Salimi S see Strober S
Salive ME, Smith GS, Brewer TF. Suicide mortality in the Maryland state prison system, 1979 through 1987. JAMA 1989 Jul 21;262(3):365–9
el-Sallab S see Hafez M
Salley SO see Kundu SK
Salmela L see Michelsen T
Salmeron S, Guerin JC, Godard P, Renon D, Henry-Amar M, Duroux P, Taytard A. High doses of inhaled corticosteroids in unstable chronic asthma. A multicenter, double-blind, placebo-controlled study. Am Rev Respir Dis 1989 Jul;140(1):167–71
Salmi TT see Hirvonen HE
Salmon DP, Riekkinen PJ, Katzman R, Zhang MY, Jin H, Yu E. Cross-cultural studies of dementia. A comparison of mini-mental state examination performance in Finland and China. Arch Neurol 1989 Jul;46(7):769–72
Salmon M, Kitas GD, Bacon PA. Production of lymphokine mRNA by CD45R+ and CD45R- helper T cells from human peripheral blood and by human CD4+ T cell clones. J Immunol 1989 Aug 1;143(3):907–12
Saloranta C see Eriksson J
Saltini C see Spurzem JR
Saltzman DH see Greene MF
Salusky IB see Robertson JA
Salvador R see Monreal M
Salvadori B see van Dongen JA
Salvati E see Souêtre E
Salvi M see Roti E
Salyer KE, Hall CD. Porous hydroxyapatite as an onlay bone-graft substitute for maxillofacial surgery. Plast Reconstr Surg 1989 Aug;84(2):236–44
Salzberg AM, Dolins SL, Salzberg C. HIV incubation times [letter] Lancet 1989 Jul 15;2(8655):166
Salzberg C see Salzberg AM
Samaan A see Calne RY
Samaan NA, Ouais S, Ordonez NG, Choksi UA, Sellin RV, Hickey RC. Multiple endocrine syndrome type I. Clinical, laboratory findings, and management in five families. Cancer 1989 Aug 1;64(3):741–52
Samaan NA see Venkatesh S
Sambol NC see Sheiner LB
Sambula S see Fordyce EJ
Samet JM see Sewell CM
Samper ER see Meier DR
Sampselle CM see Brink CA
Sampson HA, Scanlon SM. Natural history of food hypersensitivity in children with atopic dermatitis. J Pediatr 1989 Jul;115(1):23–7
Sampson HA, Broadbent KR, Bernhisel-Broadbent J. Spontaneous release of histamine from basophils and histamine-releasing factor in patients with atopic dermatitis and food hypersensitivity [see comment] N Engl J Med 1989 Jul 27;321(4):228–32. **Comment on:** N Engl J Med 1989 Jul 27;321(4):255–7
Sanborn TA, Mitty HA, Train JS, Dan SJ. Infrapopliteal and below-knee popliteal lesions: treatment with sole laser thermal angioplasty. Work in progress. Radiology 1989 Jul; 172(1):89–93
Sanchez-Burson J, Aparicio LA, Mendez M, Galdo F. cis-platinum, a treatment for refractory rheumatoid arthritis? [letter] Br J Rheumatol 1989 Aug;28(4):358
Sanchez-Gonzalez MA see Lantos JD
Sancho J see Nubiola P
Sancho JJ see Martínez-Ródenas F
Sanders DB, Massey JM. Management of facial spasm with Clostridium botulinum toxin [letter] Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):882
Sanders J see Khansur T
Sanders JS see Ferguson DW
Sanders MH, Costantino JP, Owens GR, Sciurba FC, Rogers RM, Reynolds CF, Paradis IL, Griffith BP, Hardesty RL. Breathing during wakefulness and sleep after human heart-lung transplantation. Am Rev Respir Dis 1989 Jul; 140(1):45–51
Sanders MH, Owens GR, Sciurba FC, Rogers RM, Paradis IL, Griffith BP, Hardesty RL. Ventilation and breathing pattern during progressive hypercapnia and hypoxia after human heart-lung transplantation. Am Rev Respir Dis 1989 Jul;140(1):38–44
Sanders RC, Blakemore K. Lethal fetal anomalies: sonographic demonstration. Radiology 1989 Jul;172(1):1–6 (38 ref.)
Sanderson M see Sobala GM
Sando I see Shibahara Y
Sando I see Takagi A
Sandström B see Davidsson L
Sangal BC see Narayanan R
Sankaran R see Iredale JP
Sankoorikal A see Bhandari AK
Sano M see Ono K
Sansome AJ, Bacon R. A modified expiratory valve for teaching. Anaesthesia 1989 May;44(5):425–7
Santamaria P, Gehrz RC, Bryan MK, Barbosa JJ. Involvement of class II MHC molecules in the LPS-induction of IL-1/TNF secretions by human monocytes. Quantitative differences at the polymorphic level. J Immunol 1989 Aug 1;143(3):913–22
Santiago JV see Shapiro E
Santinelli V, Turco P, Chiariello M. ST depression and elevation in vasospastic angina [letter] Chest 1989 Jul; 96(1):222–3
Santoli D, Zurier RB. Prostaglandin E precursor fatty acids inhibit human IL-2 production by a prostaglandin E-independent mechanism. J Immunol 1989 Aug 15; 143(4):1303–9
Santoro NF see Hopkins CC
Santos AC see Morishima HO
Santos AC see Pedersen H
Santrach PJ, Askin FB, Wells RJ, Azizkhan RG, Merten DF. Nodular form of bleomycin-related pulmonary injury in patients with osteogenic sarcoma. Cancer 1989 Aug 15; 64(4):806–11 (33 ref.)
Sappenfield D, Cohen G, Gitter KA. Impaired ophthalmoscopy and condensation on intraocular lens. Am J Ophthalmol 1989 Jul 15;108(1):88
Sarajlic M, Durst-Zivkovic B, Svoren E, Vitkovic M, Batinic D, Bradic I, Vučkovic I. Congenital ureteric diverticula in children and adults: classification, radiological and clinical features. Br J Radiol 1989 Jun;62(738):551–3
Saravolatz LD see McIlroy MA
Sardella L see D'Addato M
Sardi A see Nieroda CA
Sarin S, Lightwood RG. Continuous single-layer gastrointestinal anastomosis: a prospective audit. Br J Surg 1989 May;76(5):493–5
Saris SC, Patronas NJ, Rosenberg SA, Alexander JT, Frank J, Schwartzentruber DJ, Rubin JT, Barba D, Oldfield EH. The effect of intravenous interleukin-2 on brain water content. J Neurosurg 1989 Aug;71(2):169–74
Sarles H see Giorgi D
Sarna SK see Blank EL
Sarno AP Jr see Strong TH Jr
al-Sarraf M see de Braud F
Sarto N see Houle AM
Sartor K see Mirowitz S
Sartorius C see Shapiro S
Sasaki R see Muroi K
Sasayama S see Hirai T
Sassa S, Kappas A. Lack of effect of pregnancy or hematin therapy on erythrocyte porphobilinogen deaminase activity in acute intermittent porphyria [letter] N Engl J Med 1989 Jul 20;321(3):192–3
Sastre BA see Carabalona BJ
Satel SL, Sledge WH. Audiotape playback as a technique in the treatment of schizophrenic patients. Am J Psychiatry 1989 Aug;146(8):1012–6
Sathyamoorthy N see Sherblom AP
Satku K see Kumar VP
Sato H see Ono K
Sato I see Ohe T
Sato K see Akatsu T
Sato M see Nakashima S
Sato N see Kashiwagi T
Sato Y see Kao SC
Sato Y see Koyama K
Sato Y see Yuh WT
Satullo G see Oreto G
Sauder RA see Spear RM
Sauer L see Verrier ED
Sauer MV see Karram MM
Sauerbruch T see Holl J
Saul A see Kara U
Saunders N see Mountford AP
Sause WT see Cox JD
Sauter R see Bruhn H
Savage GF see Cohen H
Savage JR. The production of chromosome structural changes by radiation: an update of Lea (1946), Chapter VI. Br J Radiol 1989 Jun;62(738):507–20 (102 ref.)
Savarino V, Mela GS, Zentilin P, Bonifacino G, Moretti M, Valle F, Celle G. Low bedtime doses of H2-receptor antagonists for acute treatment of duodenal ulcer. Dig Dis Sci 1989 Jul;34(7):1043–6
Saven A, Beutler E. Iron overload after prolonged intramuscular iron therapy [letter] N Engl J Med 1989 Aug 3;321(5):331–2
Savino W see Dardenne M
Saviotti FM see Fava GA
Savron G see Fava GA
Sawai T see Uehara M
Sawamura Y see Kuppner MC
Sawers RS see Tang L
Sawin CT, Carlson HE, Geller A, Castelli WP, Bacharach P. Serum prolactin and aging: basal values and changes with estrogen use and hypothyroidism. J Gerontol 1989 Jul;44(4):M131–5
Sawyer JA, Earp JA, Fletcher RH, Daye FF, Wynn TM. Accuracy of women's self-report of their last pap smear. Am J Public Health 1989 Aug;79(8):1036–7
Sawyer W see Ali Khan MA
Saxena S, Korula J, Shulman IA. A review of donor alanine aminotransferase testing. Implications for the blood donor and practitioner. Arch Pathol Lab Med 1989 Jul; 113(7):767–71
Saxena SK see Thompson JS
Sayadi H see Korman LY
Sazawal S see Bhandari N
Scalea TM see Duncan AO
Scalzo G. RDs work together on AIDS recommendations [letter] J Am Diet Assoc 1989 Jul;89(7):909
Scanlon SM see Sampson HA
Scarabin PY see Bonithon-Kopp C
Scaravilli F see Wulc AE
Scardino PT see Gervasi LA
Scardino PT see Meacham RB
Scatarige JC, Hamper UM, Sheth S, Allen HA 3d. Parasternal sonography of the internal mammary vessels: technique, normal anatomy, and lymphadenopathy. Radiology 1989 Aug;172(2):453–7
Schaaf M see Doppman JL
Schaapherder AF see Coronel R
Schachter D see Kleinman I
Schade RR, Van Thiel DH, Wechsler RL. A watershed in gallstone therapy? Dig Dis Sci 1989 Jul;34(7):993–5 (14 ref.)
Schade RR see Ertan A
Schaefer F see Ruder H

Schaffer MS see **Abman SH**
Schaffner F see **Bach N**
Schairer C see **Bergkvist L**
Schajowicz F see **Gitelis S**
Schalin C see **Eriksson J**
Schalkwijk J, Joosten LA, van den Berg WB, van de Putte LB. Chondrocyte nonresponsiveness to insulin-like growth factor 1 in experimental arthritis. Arthritis Rheum 1989 Jul;32(7):894–900
Schally AV see **Szende B**
Schanbacher B see **Wright FH**
Schapira AH. Mitochondrial myopathies. BMJ 1989 Apr 29; 298(6681):1127–8 (17 ref.)
Schapiro HM see **Morishima HO**
Schapiro HM see **Pedersen H**
Schärer K see **Ruder H**
Schattner A see **Vaisman N**
Schatz NJ see **Hamed LM**
Schaudt K see **Pawelec GP**
Schauer E see **Luger TA**
Schechtman K see **Remmler D**
Schechtman KB see **Boden WE**
Scheck AC see **Rosenblum M**
Scheftner W see **Coryell W**
Scheib BT, Thompson ME, Kerns TJ. Federal influences on the development of trauma registers. J Trauma 1989 Jun; 29(6):835–41
Scheibner J see **Stange EF**
Scheidler DM see **Woodbury PW**
Scheier NR. Peanutaholic has hyperpeanutemia [letter] JAMA 1989 Jul 28;262(4):500–1
Scheinin H see **Kallio A**
Scheinin M see **Kallio A**
Schelbert HR see **Brunken RC**
Schelegle ES, Adams WC, Girl SN, Siefkin AD. Acute ozone exposure increases plasma prostaglandin F2 alpha in ozone-sensitive human subjects. Am Rev Respir Dis 1989 Jul;140(1):211–6
Schenken RS see **Vancaillie TG**
Schenker MB see **McCurdy SA**
Schenkman M, Butler RB. A model for multisystem evaluation, interpretation, and treatment of individuals with neurologic dysfunction. Phys Ther 1989 Jul;69(7):538–47
Scherl JE see **Greene MF**
Scherrer DE see **Laposata EA**
Scherz HC, Kaplan GW, Packer MG. Modified meatal advancement and glanuloplasty (Arap hypospadias repair): experience in 31 patients. J Urol 1989 Aug;142(2 Pt 2):620–2; discussion 631
Scherz HC, Kaplan GW, Packer MG, Brock WA. Ectopic ureteroceles: surgical management with preservation of continence—review of 60 cases. J Urol 1989 Aug;142(2 Pt 2):538–41; discussion 542–3
Schiebler ML, Tomaszewski JE, Bezzi M, Pollack HM, Kressel HY, Cohen EK, Altman HG, Gefter WB, Wein AJ, Axel L. Prostatic carcinoma and benign prostatic hyperplasia: correlation of high-resolution MR and histopathologic findings. Radiology 1989 Jul;172(1):131–7
Schieffer H see **Ozbek C**
Schiele F see **Bassand JP**
Schiff E, Peleg E, Goldenberg M, Rosenthal T, Ruppin E, Tamarkin M, Barkai G, Ben-Baruch G, Yahal I, Blankstein J, et al. The use of aspirin to prevent pregnancy-induced hypertension and lower the ratio of thromboxane A2 to prostacyclin in relatively high risk pregnancies. N Engl J Med 1989 Aug 10;321(6):351–6
Schiffert MG see **Bright DA**
Schiffman MH see **Hartge P**
Schifter T see **Eisenberg AD**
Schiller MR see **Tilgner SA**
Schilier NB see **Byrd BF 3d**
Schiller VL see **Robinson JD**
Schillinger J see **Thijssen AM**
Schillo KK see **Estienne MJ**
Schindler AM. The baby with the sore arm. Hosp Pract [Off] 1989 Jul 15;24(7):57–9
Schink JC see **Lurain JR**
Schirmer JM see **Schirmer WJ**
Schirmer WJ, Schirmer JM, Naff GB, Fry DE. Complement-mediated hemodynamic depression in the early postburn period. J Trauma 1989 Jul;29(7):932–8; discussion 938–9
Schlag P see **Hölting T**
Schlam BW see **Epstein DH**
Schlapbach P, Beyeler C, Gerber NJ, van der Linden S, Bürgi U, Fuchs WA, Ehrengruber H. Diffuse idiopathic skeletal hyperostosis (DISH) of the spine: a cause of back pain? A controlled study. Br J Rheumatol 1989 Aug; 28(4):299–303 (21 ref.)
Schleien CL, Berkowitz ID, Traystman R, Rogers MC. Controversial issues in cardiopulmonary resuscitation. Anesthesiology 1989 Jul;71(1):133–49 (116 ref.)
Schleimer RP, Derse CP, Friedman B, Gillis S, Plaut M, Lichtenstein LM, MacGlashan DW Jr. Regulation of human basophil mediator release by cytokines. I. Interaction with antiinflammatory steroids. J Immunol 1989 Aug 15; 143(4):1310–7
Schlesinger SL see **Eldridge R**
Schlienger M see **Houry S**
Schlievert PM see **Rizkallah MF**
Schlom J see **Nieroda CA**
Schmaier AH see **Gustafson EJ**
Schmaltz S see **Lin HY**
Schmeling WT, Kampine JP, Warltier DC. Negative chronotropic actions of sufentanil and vecuronium in chronically instrumented dogs pretreated with propranolol and/or diltiazem. Anesth Analg 1989 Jul;69(1):870–80
Schmidt A see **Heidenreich S**
Schmidt RA see **Tanagho EA**
Schmidt RW see **Reid GC**
Schmieder R see **Grossman E**
Schmieder RE, Messerli FH, Sturgill D, Garavaglia GE, Nunez BD. Cardiac performance after reduction of myocardial hypertrophy. Am J Med 1989 Jul;87(1):22–7
Schmitt G see **Zuccarello M**
Schmitt HE see **Pfisterer M**
Schmitt L see **Ullman DA**
Schnall MD, Lenkinski RE, Pollack HM, Imai Y, Kressel HY. Prostate: MR imaging with an endorectal surface coil. Radiology 1989 Aug;172(2):570–4
Schnaper HW see **Ames RP**
Schneeweiss R, Ellsbury K, Hart LG, Geyman JP. The economic impact and multiplier effect of a family practice clinic on an academic medical center. JAMA 1989 Jul 21; 262(3):370–5
Schneid JA, Onion DK. The use of respirators in the workplace [clinical conference] J Fam Pract 1989 Jul; 29(1):21–3, 27–8
Schneider AB see **Favus LH**
Schneider G. Palpation of the uterine scar after vaginal delivery [letter] Can Med Assoc J 1989 Jul 15;141(2):98
Schneider HT see **Iro H**
Schneider JA see **Smith ML**
Schneider JW see **Gilmore-Hebert M**
Schneider M see **Viens P**
Schneider WT see **Arendt EA**
Schnell J see **Fitzgerald-Bocarsly P**
Schnitt SJ, Connolly JL, Recht A, Silver B, Harris JR. Influence of infiltrating lobular histology on local tumor control in breast cancer patients treated with conservative surgery and radiotherapy. Cancer 1989 Jul 15;64(2):448–54
Schoen FJ see **Miller A**
Schoenbach VJ see **Fredman L**
Schoene R see **Sherman CB**
Scholey E see **Taitz LS**
Scholl TO see **Karp RJ**
Scholten FG, Mali WP, Hillen B, van Leeuwen MS. US location of the adductor canal hiatus: morphologic study. Radiology 1989 Jul;172(1):75–8
Scholtmeijer RJ see **Nijman RJ**
Scholz JP. Reliability and validity of the WATSMART three-dimensional optoelectric motion analysis system. Phys Ther 1989 Aug;69(8):679–89
Schønheyder H see **Kjaergaard SK**
Schorah CJ see **Sobala GM**
Schork MA see **Van der Spek AF**
Schornagel JH, Verweij J, ten Bokkel Huinink WW, Klijn JG, de Mulder PH, Debruyne FM, van Delijk WA, Roozendaal K, Kok TC, Veenhof KH, et al. Phase II study of recombinant interferon alpha-2a and vinblastine in advanced renal cell carcinoma. J Urol 1989 Aug;142(2):253–6
Schow SR see **Bunel K**
Schrieber L see **Arnold MH**
Schrijver J see **Löwik MR**
Schriver J see **Robinson GH**
Schröder FH see **Nijman RJ**
Schroeder E see **Marchandise B**
Schroeder J see **Vighi G**
Schroeder SA, Zones JS, Showstack JA. Academic medicine as a public trust. JAMA 1989 Aug 11;262(6):803–12 (107 ref.)
Schuder JC see **Flaker GC**
Schuger C see **Tzivoni D**
Schuger CD see **Kalbfleisch KR**
Schuhmacher K see **Safi F**
Schuit D, Adrian M, Pidcoe P. Effect of heel lifts on ground reaction force patterns in subjects with structural leg-length discrepancies. Phys Ther 1989 Aug;69(8):663–70
Schuler U see **Ehninger G**
Schuller DE, Stein DW, Metch B. Analysis of treatment failure patterns. A Southwest Oncology Group Study. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):834–6
Schuller DE see **Weiland JE**
Schulman BL see **Robbins AS**
Schulman LL see **Austin JH**
Schulman LL see **Tazelaar HD**
Schulte-Mönting J see **Lang P**
Schultz AB see **Artru AA**
Schultz G see **Thompson JS**
Schultz LR see **Robertson WM**
Schultz RD see **Farina C**
Schulz TF see **McClure MO**
Schulze M see **Kerjaschki D**
Schumacher HR Jr see **Leventhal LJ**
Schuman LM see **Olsen GW**
Schurman DJ see **Goodman SB**
Schurman DJ see **Semkiw LB**
Schüssler P see **Holl J**
Schuster M see **Szurszewski JH**
Schutta HS see **Backonja M**
Schutta HS see **Cascino GD**
Schwade JG see **Serago CF**
Schwaiger M see **Brunken RC**
Schwarcz TH, Flanigan DP. Repair of abdominal aortic aneurysms in patients with renal, iliac, or distal arterial occlusive disease. Surg Clin North Am 1989 Aug; 69(4):845–57 (43 ref.)
Schwartz CD see **Pettibone DJ**
Schwartz DJ see **Boden WE**
Schwartz E see **Cohen AR**
Schwartz HC. Standardization of diagnostic criteria for temporomandibular joint disorders [letter] J Oral Maxillofac Surg 1989 Aug;47(8):891
Schwartz HL see **Day R**
Schwartz I. Alcohol and family violence [letter] JAMA 1989 Jul 21;262(3):351–2
Schwartz I see **Halpern Z**
Schwartz JS see **Zlatkin MB**
Schwartz LW see **Rachmilewitz D**
Schwartz ML see **Ebling FJ**
Schwartz ML see **Kondziolka D**
Schwartz NS see **Gottridge JA**
Schwartz RS see **Souroujon MC**
Schwartz W see **Rentrop KP**
Schwartzentruber DJ see **Saris SC**
Schwartzman ML see **Stein BE**
Schwarz T see **Luger TA**
Schweiger U see **Fava M**
Schweitzer ME, Felsberg G, Bardfeld P. CT of hyoid osteomyelitis [letter] AJR Am J Roentgenol 1989 Aug; 153(2):432–3
Schweitzer WJ, Goldin HM, Bronson DM, Brody PE. Ulcerated tumor on the scalp. Clear-cell hidradenoma. Arch Dermatol 1989 Jul;125(7):985–6, 989
Schwenk WF see **Rodriguez NR**
Schykowski M see **Müller-Quernheim J**
Sciurba FC see **Sanders MH**
Sclafani SJ see **Duncan AO**
Scott CR see **Chen SH**
Scott DW see **Warner GL**
Scott GB see **Dennehy PJ**
Scott GC. Bronchoprovocational challenges in the assessment of the efficacy of therapeutic agents. South Med J 1989 Jul;82(7):868–72 (25 ref.)
Scott JA see **Cory DA**
Scott JE. Cetylpyridinium chloride as a fixative for glycosaminoglycans in histologic sections [letter] Arch Dermatol 1989 Jul;125(7):1002
Scott ME see **Richardson SG**
Scott MJ, Scott MJ Jr. HIV infection associated with injections of anabolic steroids [letter] JAMA 1989 Jul 14; 262(2):207–8
Scott MJ Jr see **Scott MJ**
Scott N, Sutton J, Gray C. Morphometric diagnosis of serous effusions: refinement of differences between benign and malignant cases by use of outlying values and larger sample size. J Clin Pathol 1989 Jun;42(6):607–12
Scott SM, Reiman HM, Pritchard DJ, Ilstrup DM. Soft tissue fibrosarcoma. A clinicopathologic study of 132 cases. Cancer 1989 Aug 15;64(4):925–31 (21 ref.)
Scudamore RA see **Cooke TD**
Scully RE see **Cramer DW**
Scully RE see **Young RH**
Seagroatt V see **Murphy M**
Seale-Hawkins C see **Gervasi LA**
Sealy R, Jacobs P, Wood L, Levin W, Barry L, Boniaszczuk J, Blekkenhorst G. The treatment of tumors by the induction of anemia and irradiation in hyperbaric oxygen. Cancer 1989 Aug 1;64(3):646–52
Seargeant LE see **Booth FA**
Seargeant LE see **Greenberg CR**
Searle N see **Ruedrich DA**
Sears MR see **O'Donnell TV**
Sebastianelli WJ see **Hanks GA**
Secker-Walker RH see **Bronson DL**
Sedlacek TV, Lindheim S, Eder C, Hasty L, Woodland M, Ludomirsky A, Rando RF. Mechanism for human papillomavirus transmission at birth. Am J Obstet Gynecol 1989 Jul;161(1):55–9
Sedlacek TV see **Rando RF**
Sedmak DD, Meineke TA, Knechtges DS. Detection of metastatic breast carcinoma with monoclonal antibodies to cytokeratins. Arch Pathol Lab Med 1989 Jul;113(7):786–9
Seeds JW see **Katz VL**
Seeger JI see **Dickerman HW**
Seeger LL. Physical principles of magnetic resonance imaging. Clin Orthop 1989 Jul;(244):7–16 (14 ref.)
Seeger LL. Magnetic resonance imaging of the shoulder. Clin Orthop 1989 Jul;(244):48–59 (29 ref.)
Seeger LL see **Watanabe AT**
Seeger W, Walter H, Suttorp N, Muhly M, Bhakdi S. Thromboxane-mediated hypertension and vascular leakage evoked by low doses of Escherichia coli hemolysin in rabbit lungs. J Clin Invest 1989 Jul;84(1):220–7
Segal E, Perel A. Heart synchronized ventilation during extracorporeal shock wave lithotripsy [letter] Anesth Analg 1989 Jul;69(1):1005
Segal MR see **Redline S**
Segal MR see **Sherman CB**
Segalowitz J see **Litvack F**
Segars JH see **Eisenberg AD**
Segura M see **Martínez-Ródenas F**
Segura M see **Nubiola P**
Sehgal PB see **Mizutani H**
Sehgal PB see **Perlmutter DH**

Seibert JJ see **Glasier CM**
Seidenwurm D, Meng TK, Kowalski H, Weinreb JC, Kricheff II. Intracranial hemorrhagic lesions: evaluation with spin-echo and gradient-refocused MR imaging at 0.5 and 1.5 T. Radiology 1989 Jul;172(1):189–94
Seidman DS, Ever-Hadani P, Gale R. The effect of maternal weight gain in pregnancy on birth weight. Obstet Gynecol 1989 Aug;74(2):240–6
Seigler RS, Tecklenburg FW, Shealy R. Prehospital intraosseous infusion by emergency medical services personnel: a prospective study. Pediatrics 1989 Jul; 84(1):173–7
Seipel L see **Dittmann H**
Seitz HK, Meydani M, Ferschke I, Simanowski UA, Boesche J, Bogusz M, Hoepker WW, Blumberg JB, Russell RM. Effect of aging on in vivo and in vitro ethanol metabolism and its toxicity in F344 rats. Gastroenterology 1989 Aug; 97(2):446–56
Sela O see **Halpern Z**
Selby ML, Tornquist EM, Finerty EJ. How to present your research. Part I: What they didn't teach you in nursing school about planning and organizing the content of your speech. Nurs Outlook 1989 Jul-Aug;37(4):172–5
Selby R see **Miyata T**
Selecky PA see **Sokolowski JW Jr**
Selenskas S see **Mettlin C**
Selidovkin G see **Baranov A**
Seliger GM see **Katz DI**
Selinger SL see **DeWood MA**
Selinus I see **Pollare T**
Selinus I see **Skarfors ET**
Selker RG see **Shapiro WR**
Selkin SG. Rhinoplasty and general anesthesia. Halothane vs enflurane as agent of choice. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):802–3
Selkoe DJ see **Joachim CL**
Sell L see **Fillit H**
Selle JG see **Littmann L**
Selleck KM see **Teo TC**
Sellers SE see **Hubbard RC**
Sellers SG see **Lutter CK**
Sellin RV see **Samaan NA**
Sellin RV see **Venkatesh S**
Sellitti DF see **Tseng YC**
Sells CJ see **Sells JM**
Sells JM, Sells CJ. Pediatrician and parent: a challenge for female physicians. Pediatrics 1989 Aug;84(2):355–61
Selman WR see **Arafah BM**
Selonick SE see **Geller RB**
Seltzer JL see **Goldberg ME**
Selwyn AP see **Bittl JA**
Semenzato G see **Trentin L**
Semigran MJ see **Aroney CN**
Semkiw LB, Schurman DJ, Goodman SB, Woolson ST. Postoperative blood salvage using the Cell Saver after total joint arthroplasty. J Bone Joint Surg [Am] 1989 Jul; 71(6):823–7
Semple PF. Alpha-blockade for hypertension [letter] Lancet 1989 Jul 15;2(8655):158
Sen S see **Ozbek C**
Senant J see **Marie JP**
Sengün O see **Günhan O**
Seno S see **Bando K**
Senoo Y see **Bando K**
Senter TP. Squamous cell carcinoma of the tongue in children [letter] Cancer 1989 Aug 1;64(3):781–2
Sepkovic DW see **Haley NJ**
Seppälä I, Mäkelä O. Antigenicity of dextran-protein conjugates in mice. Effect of molecular weight of the carbohydrate and comparison of two modes of coupling. J Immunol 1989 Aug 15;143(4):1259–64
Serago CF, Lewin AA, Houdek PV, Schwade JG, Abitbol AA. Multiplanar arc boost radiation therapy for prostate cancer. Radiology 1989 Aug;172(2):561–4
Sergot R see **Gennarelli TA**
Serio MK see **Feingold KR**
Serjeant BE see **Readett DR**
Serjeant GR see **Readett DR**
Serón-Ferré M, Vergara M, Parraguez VH, Riquelme R, Llanos AJ. Fetal prolactin levels respond to a maternal melatonin implant. Endocrinology 1989 Jul;125(1):400–3
Serre JL see **Simon-Bouy B**
Serruys P see **de Feyter PJ**
Seruca H. Vesicoureteral reflux and voiding dysfunction: a prospective study. J Urol 1989 Aug;142(2 Pt 2):494–8; discussion 501
Servadei F, Staffa G, Pozzati E, Piazza G. Rapid spontaneous disappearance of an acute extradural hematoma: case report. J Trauma 1989 Jun;29(6):880–2
Servidei S see **Haller RG**
Seshadri R see **Shah GV**
Sessler DI see **Fahey MR**
Sestak AL see **Harley JB**
Sesterhenn I see **Strand WR**
Sethia B see **Jones TJ**
Setness PA see **Latare PA**
Seto Y see **Kitsugi T**
Setoguchi K see **Kojima K**
Setoguchi Y see **Varni JW**
Sette A, Adorini L, Colon SM, Buus S, Grey HM. Capacity of intact proteins to bind to MHC class II molecules. J Immunol 1989 Aug 15;143(4):1265–7
Sette A, Lamont A, Buus S, Colon SM, Miles C, Grey HM. Effect of conformational propensity of peptide antigens in their interaction with MHC class II molecules. Failure to document the importance of regular secondary structures. J Immunol 1989 Aug 15;143(4):1268–73
Severino SK see **Spitzer RL**
Sevy S see **Apter A**
Sewell CM, Becker TM, Wiggins CL, Key CR, Hull HF, Samet JM. Injury mortality in New Mexico's American Indians, Hispanics, and non-Hispanic whites, 1958 to 1982. West J Med 1989 Jun;150(6):708–13
Sexton J, Dohlman L. Benefits of the pharyngeal pack [letter] J Oral Maxillofac Surg 1989 Aug;47(8):891
Sganga E see **Porcu E**
Sgoutas D see **Gebhart SS**
Shackford SR. Hypertonic saline for postoperative fluid therapy: salient features [editorial] J Trauma 1989 Jun; 29(6):894
Shackford SR see **Mackersie RC**
Shaffer N see **Spika JS**
Shafik A. Anal submucosal injection: a new route for drug administration in pelvic malignancies. IV. Submucosal anal injection in the treatment of cancer of uterine cervix—preliminary study. Am J Obstet Gynecol 1989 Jul; 161(1):69–72
Shafran S see **Asthana S**
Shaftan GW see **Gupta BK**
Shah GV, Kacsoh B, Seshadri R, Grosvenor CE, Crowley WR. Presence of calcitonin-like peptide in rat milk: possible physiological role in regulation of neonatal prolactin secretion. Endocrinology 1989 Jul;125(1):61–7
Shah IA. Six primary cancers in individuals [letter] Cancer 1989 Jul 15;64(2):566–7
Shah JB see **Kennedy RW**
Shah N see **Hanson PJ**
Shah PK see **Berman DS**
Shah PK see **Weiss AT**
Shah T see **Collinge J**
Shahidi M see **Zeimer RC**
Shan JS, Fu KH, Chiu CS, Lau WH, Choi PH, Khin MA, Tung SY, Mok CK, Choy D. Experience with the management of primary endodermal sinus tumor of the mediastinum. Cancer 1989 Aug 1;64(3):756–61
Shamoo DA see **Linn WS**
Shampo MA see **Kyle RA**
Shank B see **Galloway DJ**
Shanks RD see **Hwang JJ**
Shanmugaratnam K, Pattman RS. Hepatitis B: prevention in primary care [letter] BMJ 1989 May 13;298(6683):1313–4
Shapeero LG, Hricak H. Mixed müllerian sarcoma of the uterus: MR imaging findings. AJR Am J Roentgenol 1989 Aug;153(2):317–9
Shapiro AK see **Shapiro E**
Shapiro E, Shapiro AK, Fulop G, Hubbard M, Mandeli J, Nordlie J, Phillips RA. Controlled study of haloperidol, pimozide and placebo for the treatment of Gilles de la Tourette's syndrome. Arch Gen Psychiatry 1989 Aug; 46(8):722–30
Shapiro E, Santiago JV, Crane JP. Prenatal fetal adrenal suppression following in utero diagnosis of congenital adrenal hyperplasia. J Urol 1989 Aug;142(2 Pt 2):663–6; discussion 667–8
Shapiro E see **Gup DI**
Shapiro GR see **Lantos JD**
Shapiro H see **Durham JD**
Shapiro H see **Ophir E**
Shapiro LE, Katz CP, DeFesi CR, Surks MI. Heat shock of cultured GC cells enhances the level of triiodothyronine induced growth hormone (GH) and GH messenger ribonucleic acid. Endocrinology 1989 Jul;125(1):180–5
Shapiro M see **Engelhard D**
Shapiro MF, Hayward RA, Freeman HE, Sudman S, Corey CR. Out-of-pocket payments and use of care for serious and minor symptoms. Results of a national survey. Arch Intern Med 1989 Jul;149(7):1645–8
Shapiro R. Craniosynostosis in the Talmud. Radiology 1989 Jul;172(1):230
Shapiro S, Mealey J Jr, Sartorius C. Radiation-induced intracranial malignant gliomas. J Neurosurg 1989 Jul; 71(1):77–82 (31 ref.)
Shapiro W, Narahara KA, Kostis JB, Thandroyen F, Zohman LR. Comparison of atenolol and nifedipine in chronic stable angina pectoris. Am J Cardiol 1989 Jul 15;64(3):186–90
Shapiro WR, Green SB, Burger PC, Mahaley MS Jr, Selker RG, VanGilder JC, Robertson JT, Ransohoff J, Mealey J Jr, Strike TA, et al. Randomized trial of three chemotherapy regimens and two radiotherapy regimens and two radiotherapy regimens in postoperative treatment of malignant glioma. Brain Tumor Cooperative Group Trial 8001. J Neurosurg 1989 Jul;71(1):1–9
Sharawy MM see **Helmy ES**
Sharbrough FW see **Jack CR Jr**
Sharif DS see **Abinader EG**
Sharma S see **Saikia TK**
Sharon D see **Feldman M**
Sharp JG see **Thompson JS**
Sharpe DT, Palmer JH. Tissue expander tube exteriorization using a stylet [letter] Plast Reconstr Surg 1989 Aug; 84(2):363
Sharrow SO see **Cole JA**
Shasby DM see **Peterson MW**
Shau HY, Golub SH. Inhibition of lymphokine-activated killer- and natural killer-mediated cytotoxicities by neutrophils. J Immunol 1989 Aug 1;143(3):1066–72
Shaunak S, Bartlett JA. Zidovudine-induced neutropenia: are we too cautious? Lancet 1989 Jul 8;2(8654):91–2
Shaw BW Jr see **Ness MJ**
Shaw D see **Holliday MP**
Shaw DK, Deutsch DT, Bowling RJ. Efficacy of shoulder range of motion exercise in hospitalized patients after coronary artery bypass graft surgery. Heart Lung 1989 Jul; 18(4):364–9
Shaw DR see **Sullivan DC**
Shaw GT see **Cragg AH**
Shaw L see **Younis LT**
Shaw R see **Knutton S**
al-Shawaf T, Craft I. Sex ratio and assisted conception [letter] Lancet 1989 Jul 1;2(8653):53
Shea JA see **Norcini JJ**
Shealy R see **Seigler RS**
Shear H see **Wanidworanun C**
Shearer GM see **Morse HC 3d**
Shearer JD see **Amaral JF**
Sheehy JL see **Levine BA**
Sheeler LR. Cushing's syndrome. Urol Clin North Am 1989 Aug;16(3):447–55 (71 ref.)
Sheiner LB, Beal SL, Sambol NC. Study designs for dose-ranging. Clin Pharmacol Ther 1989 Jul;46(1):63–77
Sheishaa A see **Hafez M**
Shelhamer JH see **Masur H**
Sheline M, Amendola MA, Pollack HM, Banner MP, de las Morenas A, Wein AJ. Fluoroscopically guided retrograde brush biopsy in the diagnosis of transitional cell carcinoma of the upper urinary tract: results in 45 patients. AJR Am J Roentgenol 1989 Aug;153(2):313–6
Shellito PC see **Hunter JG**
Shelov SP see **Melzer SM**
Shelton C see **Levine BA**
Shelton C see **Oshiro EM**
Shen CL see **Lei HY**
Shen JH see **Krozowski ZS**
Shenker N see **Skidmore MD**
Shenton M see **McCarley RW**
Shepherd DI see **Thompson AJ**
Sheps DS see **Hinderliter AL**
Sher L, Iwatsuki S, Lebeau G, Zajko AB. Hilar cholangiocarcinoma associated with clonorchiasis. Dig Dis Sci 1989 Jul;34(7):1121–3
Sher R see **Sutej PG**
Sherblom AP, Sathyamoorthy N, Decker JM, Muchmore AV. IL-2, a lectin with specificity for high mannose glycopeptides. J Immunol 1989 Aug 1;143(3):939–44
el-Sherif N, Ursell SN, Bekheit S, Fontaine J, Turitto G, Henkin R, Caref EB. Prognostic significance of the signal-averaged ECG depends on the time of recording in the postinfarction period. Am Heart J 1989 Aug; 118(2):256–64
el-Sherif N, Bekheit SS, Henkin R. Quinidine-induced long QTU interval and torsade de pointes: role of bradycardia-dependent early afterdepolarizations. J Am Coll Cardiol 1989 Jul;14(1):252–7
el-Sherif N see **Caref EB**
Sherman BM see **Lin TH**
Sherman CB, Barnhart S, Miller MF, Segal MR, Aitken M, Schoene R, Daniell W, Rosenstock L. Firefighting acutely increases airway responsiveness. Am Rev Respir Dis 1989 Jul;140(1):185–90
Sherman JC, Delaurier GA, Hawkins ML, Brown LG, Treat RC, Mansberger AR Jr. Percutaneous peritoneal lavage in blunt trauma patients: a safe and accurate diagnostic method. J Trauma 1989 Jun;29(6):801–4; discussion 804–5
Sherman OH see **Markolf KL**
Sherman RA. Central catheter infection: single-versus triple-lumen catheters [letter] Am J Med 1989 Jul;87(1):2–3
Sherman W see **Rentrop KP**
Sherman WM see **Lash JM**
Sherrard DJ see **Andress DL**
Sherwood OD see **Hwang JJ**
Sheth S see **Scatarige JC**
Shevach EM see **Malek TR**
Shevach EM see **Yokoyama WM**
Shevde K see **Rosenblatt M**
Shew JY see **U HS**
Shi LF see **Chen JJ**
Shiao GM see **Chang SC**
Shibahara Y, Sando I. Congenital anomalies of the eustachian tube in Down syndrome. Histopathologic case report. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):543–7
Shibata K, Matsuo H. Correlation between niacin equivalent intake and urinary excretion of its metabolites, N¹-methylnicotinamide, N¹-methyl-2-pyridone-5-carboxamide, and N¹-methyl-4-pyridone-3-carboxamide, in humans consuming a self-selected food. Am J Clin Nutr 1989 Jul; 50(1):114–9
Shibata T see **Abdelmoula M**
Shields JA see **Duker JS**
Shier CK see **Katz ME**
Shier DN, Kusano E, Stoner GD, Franco-Saenz R, Mulrow PJ. Production of renin, angiotensin II, and aldosterone by adrenal explant cultures: response to potassium and converting enzyme inhibition. Endocrinology 1989 Jul; 125(1):486–91
Shigeta K see **Mori Y**

Shigeta Y see **Yasuda H**
Shii K see **Nagata M**
Shiina S, Komatsu Y, Shiratori Y, Terano A, Sugimoto T. Sonographically guided percutaneous injection of ethanol for treatment of hepatocellular carcinoma: value of Gelfoam to mark the lesion [letter] AJR Am J Roentgenol 1989 Aug;153(2):430
Shikata J see **Miki T**
Shikata J see **Takada T**
Shikowitz MJ, Galli R, Bandyopadhyay D, Hoory S. Biodistribution of indium 111-labeled dihematoporphyrin ether in papillomas and body tissues. Relevance to photodynamic therapy. Arch Otolaryngol Head Neck Surg 1989 Jul;115(7):845-7
Shiloni E see **Roisman I**
Shilyansky J see **Foglia RP**
Shima K see **Gotoh M**
Shimada I see **Yokota M**
Shimamoto Y see **Ono K**
Shimizu A see **Ohe T**
Shimizu T see **Anegawa S**
Shimojo N, Cowan EP, Engelhard VH, Maloy WL, Coligan JE, Biddison WE. A single amino acid substitution in HLA-A2 can alter the selection of the cytotoxic T lymphocyte repertoire that responds to influenza virus matrix peptide 55-73. J Immunol 1989 Jul 15;143(2):558-64
Shimojo N see **Mattson DH**
Shimokawa H see **Vanhoutte PM**
Shimomura K see **Ohe T**
Shimosato Y, Asamura H, Yoshida K, Noguchi M, Nakajima T, Mukai K. Factors possibly affecting the degree of malignancy in adenocarcinoma of the lung. DNA content and bromodeoxyuridine (BrdU) labeling index. Chest 1989 Jul;96(1 Suppl):37S-38S
Shimosato Y see **Yamaguchi K**
Shin JH, Oestmann J, Hall D, Cardenosa G, McCarthy KA, Mrose HE, Pile-Spellman E, Rubens JR, Greene RE. Subtle gastric abnormalities in a canine model: detection with low-dose imaging with storage phosphors and its equivalence to conventional radiography. Radiology 1989 Aug;172(2):399-401
Shiono PH see **Klebanoff MA**
Shiono S see **Itoh H**
Shirakami G see **Itoh H**
Shiraki M, Enterline HT, Brooks JJ, Cooper NS, Hirschl S, Roth JA, Rao UN, Enzinger FM, Amato DA, Borden EC. Pathologic analysis of advanced adult soft tissue sarcomas, bone sarcomas, and mesotheliomas. The Eastern Cooperative Oncology Group (ECOG) experience. Cancer 1989 Jul 15;64(2):484-90
Shiratori K see **Takada T**
Shiratori Y see **Shiina S**
Shiroo M see **Mukaida N**
Shiue CY see **Wolkin A**
Shiverick KT see **Ogilvie S**
Shlaes DM see **Salata RA**
Shlim DR see **Eaton M**
Sho K see **Nazarea M**
Shobe SL see **Glasser DB**
Shoemaker WC, Appel PL, Kram HB, Duarte D, Harrier HD, Ocampo HA. Comparison of hemodynamic and oxygen transport effects of dopamine and dobutamine in critically ill surgical patients. Chest 1989 Jul;96(1):120-6
Shoemaker WC see **Kram HB**
Shoji H, Yoshino S, Kajino A. Patellar replacement in bilateral total knee arthroplasty. A study of patients who had rheumatoid arthritis and no gross deformity of the patella. J Bone Joint Surg [Am] 1989 Jul;71(6):853-6
Sholley MM see **Bechard DE**
Shorr RM see **Cornwell EE 3d**
Shorrock CJ, Gibbons LC, Rees WD. Effect of enprostil on amphibian gastroduodenal and human gastric bicarbonate secretion. Dig Dis Sci 1989 Jul;34(7):1016-20
Short BL see **Taylor GA**
Shortman K see **Maraskovsky E**
Shoskes DA, Perrin RG. The role of surgical management for symptomatic spinal cord compression in patients with metastatic prostate cancer. J Urol 1989 Aug;142(2):337-9
Showstack JA see **Schroeder SA**
Shronts EP see **Cerra FB**
Shtamler B see **Mizrahi S**
Shu SY, Chou T, Sakai K. Lymphocytes generated by in vivo priming and in vitro sensitization demonstrate therapeutic efficacy against a murine tumor that lacks apparent immunogenicity. J Immunol 1989 Jul 15;143(2):740-8
Shug AL see **Kelly KJ**
Shukri A see **Hu H**
Shuldiner AR, Bennett C, Robinson EA, Roth J. Isolation and characterization of two different insulins from an amphibian, Xenopus laevis. Endocrinology 1989 Jul; 125(1):469-77
Shulman A see **Ellenbogen A**
Shulman AD see **Delitto A**
Shulman IA see **Saxena S**
Shulman MJ see **Davis AC**
Shulman SM see **Peng AT**
Shuman MA see **Handagama PJ**
Shuman WP see **Newell-Morris LL**
Shumate CR see **Miller FB**
Shumway JM see **Ferrari ND 3d**
Shuren JE see **Pessin MS**
Shurin S see **Skidmore MD**
Shurman A see **McKendall GR**
Shvetsky BD see **Mattson DH**
Siao P, McCabe P, Yagnik P. Nocardial spinal epidural abscess. Neurology 1989 Jul;39(7):996
Sibai BM, Villar MA, Bray E. Magnesium supplementation during pregnancy: a double-blind randomized controlled clinical trial. Am J Obstet Gynecol 1989 Jul;161(1):115-9
Sicard GA, Allen BT, Munn JS, Anderson CB. Retroperitoneal versus transperitoneal approach for repair of abdominal aortic aneurysms. Surg Clin North Am 1989 Aug;69(4):795-806 (24 ref.)
Sickels WJ see **Yuh WT**
Siddiqi MA see **Nieroda CA**
Siddique T, Pericak-Vance MA, Brooks BR, Roos RP, Hung WY, Antel JP, Munsat TL, Phillips K, Warner K, Speer M, et al. Linkage analysis in familial amyotrophic lateral sclerosis. Neurology 1989 Jul;39(7):919-25
Siddiqui M see **Walek JW**
Sidel VW. Weapons of mass destruction: the greatest threat to public health. JAMA 1989 Aug 4;262(5):680-2
Sideli RV see **Kasznica J**
Sidell FR see **Dunn MA**
Sideri M, Parazzini F, Rognoni MT, La Vecchia C, Negri E, Garsia S, Arnoletti E, Cecchetti G. Risk factors for vulvar lichen sclerosus. Am J Obstet Gynecol 1989 Jul; 161(1):38-42
Sidi AA see **Gonzalez R**
Sieck EA, Enzenauer RW, Cornell FM, Butler C. Contamination of K-Sol corneal storage medium with Propionibacterium acnes. Arch Ophthalmol 1989 Jul; 107(7):1023-4
Siefferman T see **Kaplan EL**
Siefkin AD see **Schelegle ES**
Siegel IM see **Bárány M**
Siegel JH see **Dalal SA**
Siegel JH see **Vary TC**
Siegel MJ, Glazer HS, Wiener JI, Molina PL. Normal and abnormal thymus in childhood: MR imaging. Radiology 1989 Aug;172(2):367-71
Siegel MJ see **Sisler CL**
Siegel SR see **Hadeed AJ**
Siegler M see **Grim PS**
Siegler M see **Lantos JD**
Siekierka JJ see **Tocci MJ**
Siemionow M see **Acland RD**
Sikkink R see **Bahou WF**
Sila CA see **Rosenfeld JV**
Silane M see **Rook JL**
Silberberg JS, Rahal DP, Patton DR, Sniderman AD. Role of anemia in the pathogenesis of left ventricular hypertrophy in end-stage renal disease. Am J Cardiol 1989 Jul 15;64(3):222-4
Silberstein DS, Ali MH, Baker SL, David JR. Human eosinophil cytotoxicity-enhancing factor. Purification, physical characteristics, and partial amino acid sequence of an active polypeptide. J Immunol 1989 Aug 1; 143(3):979-83
Silink M see **Quigley C**
Silk DB. Peptide enteral formulas [editorial] Crit Care Med 1989 Jul;17(7):708-9
Sills MN, Xu YC, Baracchini E, Goodman RH, Cooperman SS, Mandel G, Chien KR. Expression of diverse Na+ channel messenger RNAs in rat myocardium. Evidence for a cardiac-specific Na+ channel. J Clin Invest 1989 Jul;84(1):331-6
Silsby JL see **Porter TE**
Silva EG see **Green LK**
Silva JE see **Lewander WJ**
Silver AL, Rose DN. Life expectancies: population or person? [letter] Ann Intern Med 1989 Aug 1;111(3):257-8
Silver B see **Schnitt SJ**
Silver GA. Medicine for sale. Lancet 1989 Jul 8;2(8654):95
Silver J see **Naveh-Many T**
Silver LB, Levinson RB, Laskin CR, Pilot LJ. Learning disabilities as a probable consequence of using chloride-deficient infant formula. J Pediatr 1989 Jul; 115(1):97-9
Silver MA, Kowalczyk D. Coronary microvascular narrowing in acute murine coxsackie B3 myocarditis. Am Heart J 1989 Jul;118(1):173-4
Silver MD see **Whittaker P**
Silver RM see **Leroy EC**
Silverberg L see **Silverberg N**
Silverberg N, Silverberg L. Aging and the skin. Postgrad Med 1989 Jul;86(1):131-6, 141-4 (10 ref.)
Silverman DI see **Reis GJ**
Silverman E see **Pauls JD**
Silverman H see **Bone RC**
Silverman JF see **Marcuard SP**
Silverman L see **Chatila T**
Silverman ML, Lee AK. Anatomy and pathology of the adrenal glands. Urol Clin North Am 1989 Aug;16(3):417-32 (81 ref.)
Silverman NH see **Byrd BF 3d**
Silverstein JH see **Garin EH**
Simanowski UA see **Seitz HK**
Simard J see **Poulin R**
Simard M, Pekary AE, Smith VP, Hershman JM. Thyroid hormones modulate thyrotropin-releasing hormone biosynthesis in tissues outside the hypothalamic-pituitary axis of male rats. Endocrinology 1989 Jul;125(1):524-31
Siminovitch KA see **Cairns E**
Simmons DA see **Kosu LG**
Simmons DH see **Flick GR**
Simms SM see **Feczko PJ**
Simon JM see **Frame SB**
Simon M, Athanasoulis CA, Kim D, Steinberg FL, Porter DH, Byse BH, Kleshinski S, Geller S, Orron DE, Waltman AC. Simon nitinol inferior vena cava filter: initial clinical experience. Work in progress. Radiology 1989 Jul; 172(1):99-103
Simon NV see **Stefos T**
Simon PL see **Rachmilewitz D**
Simon-Bouy B, Serre JL, Mornet E, Tallandier A, Boué J, Boué A. Genetic differences between cystic fibrosis with and without meconium ileus [letter] Lancet 1989 Jul 8; 2(8654):102
Simonsen M see **Verland S**
Simpson CS see **DeWood MA**
Simpson GM, Singh H. Neuroleptic-induced dystonia [letter] Am J Psychiatry 1989 Jul;146(7):945
Simpson IA see **Werner H**
Simpson J see **Quigley C**
Simpson RJ see **Stewart GA**
Simpson RJ Jr see **Maxwell K**
Simpson RJ Jr see **Rowe WW**
Simpson TF, Armstrong S, Mitchell P. American Association of Critical-Care Nurses demonstration project: patients' recollections of critical care. Heart Lung 1989 Jul; 18(4):325-32
Sims DW, Bivins BA, Obeid FN, Horst HM, Sorensen VJ, Fath JJ. Urban trauma: a chronic recurrent disease. J Trauma 1989 Jul;29(7):940-6; discussion 946-7
Sims FH, Gavin JB, Vanderwee MA. The intima of human coronary arteries. Am Heart J 1989 Jul;118(1):32-8
Sinar DR see **Marcuard SP**
Sinclair G see **Nestor JJ**
Sindet-Pedersen S see **Maxson B**
Singer A see **Cole JA**
Singer PA see **Grim PS**
Singer PA see **Lantos JD**
Singh AK see **Cross JS**
Singh G, Fries JF, Spitz P, Williams CA. Toxic effects of azathioprine in rheumatoid arthritis. A national post-marketing perspective. Arthritis Rheum 1989 Jul; 32(7):837-43
Singh H see **Simpson GM**
Singh JP, Kashyap A. A comparative evaluation of percutaneous catheter drainage for resistant amebic liver abscesses. Am J Surg 1989 Jul;158(1):58-62
Singh MM see **Kay SR**
Singh R see **Bankey P**
Singh V see **Bhasin D**
Singh-Naz N see **Kotloff KL**
Siniscalchi K see **Miller P**
Sinks T, Kerndt PR, Wallingford KM. Two episodes of acute illness in a machine shop. Am J Public Health 1989 Aug; 79(8):1024-8
Sinnaeve LJ, Becks GP. Preoperative ketoconazole therapy for adrenocortical carcinoma. Can Med Assoc J 1989 Jul 15;141(2):131-3
Siongok TK see **Hamburger J**
Sipperly ME see **Reis GJ**
Sisler CL, Siegel MJ. Malignant rhabdoid tumor of the kidney: radiologic features. Radiology 1989 Jul; 172(1):211-2
Sisley JF see **DeLaurier GA**
Sitar DS see **Mitenko PA**
Sitges-Serra A see **Martínez-Ródenas F**
Sitges-Serra A see **Nubiola P**
Sivanesaratnam V, Jayalakshmi P. Mitomycin C adjuvant chemotherapy after Wertheim's hysterectomy for stage IB cervical cancer. Cancer 1989 Aug 15;64(4):798-800
Sivertson KT see **Kelen GD**
Siwek J. Taking a sexual history: an individualized approach [editorial] Am Fam Physician 1989 Jul;40(1):83-4
Sizemore GW see **Telander RL**
Sjöbring U see **Stone GC**
Sjödahl R see **Otamiri T**
Sjödén PO see **Bates S**
Sjöquist J see **Stone GC**
Sjöstrand F see **Beyersdorf F**
Skacel CM see **Barnas GM**
Skacel M see **Barnas GM**
Skarfors ET, Lithell HO, Selinus I, Aberg H. Do antihypertensive drugs precipitate diabetes in predisposed men? BMJ 1989 Apr 29;298(6681):1147-52
Skarvan K see **Pfisterer M**
Skeens JL, Fuhrman CR, Yousem SA. Bronchiolitis obliterans in heart-lung transplantation patients: radiologic findings in 11 patients. AJR Am J Roentgenol 1989 Aug; 153(2):253-6
Skelton MM see **Lewin RF**
Sketch MH see **Del Core MG**
Skibsted L see **Mogensen K**
Skidmore MD, Shenker N, Kliegman RM, Shurin S, Allen RH. Biochemical evidence of asymptomatic vitamin B12 deficiency in children after ileal resection for necrotizing enterocolitis. J Pediatr 1989 Jul;115(1):102-5
Skinner R, Pearson AD, Price L, Coulthard MG, Craft AW. Nephrotoxicity of ifosfamide in children [letter] Lancet 1989 Jul 15;2(8655):159
Skolnick AE, Frishman WH. Calcium channel blockers in myocardial infarction. Arch Intern Med 1989 Jul;

149(7):1669–77 (90 ref.)
Skoog SJ see **Gormley TS**
Skouteris CA, Sotereanos GC. Donor site morbidity following harvesting of autogenous rib grafts. J Oral Maxillofac Surg 1989 Aug;47(8):808–12
Skowronski GA see **Bersten AD**
Skubic S see **Yagan R**
Slack MP see **Tudor-Williams G**
Slade BA see **Lindsay MK**
Slater J see **Tunick PA**
Slater RM see **Gray HS**
Slaton J see **Morris JA Jr**
Slatopolsky EA see **Andress DL**
Slavik TA see **Timor-Tritsch IE**
Slavin S see **Morecki S**
Sledge WH see **Satel SL**
Sloan JM see **Kenny BD**
Sloan TR see **Overman JA**
Sloane PD. Dizziness in primary care. Results from the National Ambulatory Medical Care Survey. J Fam Pract 1989 Jul;29(1):33–8
Slomski CA see **Rocklin MS**
Sloss EM see **Keeler EB**
Slotman G see **Bone RC**
Slowman SD see **Myers SL**
Slue WE Jr. Photographic cures for dermatologic disorders. Arch Dermatol 1989 Jul;125(7):960–2
Small KW, McCuen BW 2d, de Juan E Jr, Machemer R. Surgical management of retinal traction caused by toxocariasis. Am J Ophthalmol 1989 Jul 15;108(1):10–4
Small SL, Muechler EK. Heuristic determination of relevant diagnostic procedures in a medical expert system for gynecology. Am J Obstet Gynecol 1989 Jul;161(1):17–24
Smally AJ. Referred shoulder pain in a sexually active woman. Hosp Pract [Off] 1989 Jul 15;24(7):62, 64
Smeland J see **Madden MR**
Smiciklas-Wright H see **Berry MW**
Smiciklas-Wright H see **Blake AJ**
Smirne S see **Franceschi M**
Smith A, Arnold R, Anderson RH, Wilkinson JL, **Qureshi SA, Gerlis LM, McKay R.** Anomalous origin of the left coronary artery from the pulmonary trunk. Anatomic findings in relation to pathophysiology and surgical repair. J Thorac Cardiovasc Surg 1989 Jul;98(1):16–24
Smith AI see **Krozowski ZS**
Smith AS, Weinstein MA, Mizushima A, Coughlin B, Hayden SP, Lakin MM, Lanzieri CF. MR imaging characteristics of tuberculous spondylitis vs vertebral osteomyelitis. AJR Am J Roentgenol 1989 Aug;153(2):399–405
Smith BL. Retained nasopharyngeal airway [letter] Anaesthesia 1989 May;44(5):447
Smith CE, Donati F, Bevan DR. Dose-response relationships for edrophonium and neostigmine as antagonists of atracurium and vecuronium neuromuscular blockade. Anesthesiology 1989 Jul;71(1):37–43
Smith CE, Donati F, Bevan DR. Differential effects of pancuronium on masseter and adductor pollicis muscles in humans. Anesthesiology 1989 Jul;71(1):57–61
Smith CE see **Hyduke JF**
Smith CR see **Tazelaar HD**
Smith D see **Martens MG**
Smith DA, Smith L. The isolation of HIV-positive patients [letter] JAMA 1989 Jul 14;262(2):208–9
Smith DC see **Ing JJ**
Smith DK, Feldman EB, Feldman DS. Trace element status in multiple sclerosis. Am J Clin Nutr 1989 Jul;50(1):136–40
Smith DL, McAfee JH, Lucas LM, Kumar KL, Romney DM. Septic and nonseptic olecranon bursitis. Utility of the surface temperature probe in the early differentiation of septic and nonseptic cases. Arch Intern Med 1989 Jul; 149(7):1581–5
Smith DL see **Dworzack DL**
Smith EA see **Leroy EC**
Smith EP see **Novascone MA**
Smith ER see **Belenkie I**
Smith ER see **Robinson VJ**
Smith ES see **Gold MH**
Smith F see **Adkisson GH**
Smith FL, Ritchie EL, Maizels M, Zaontz MR, Hsueh W, Kaplan WE, Firlit CF. Surgery for duplex kidneys with ectopic ureters: ipsilateral ureterourteterostomy versus polar nephrectomy. J Urol 1989 Aug;142(2 Pt 2):532–4; discussion 542–3
Smith GS see **Salive ME**
Smith HC see **Mills TJ**
Smith HJ see **Emmanuel JC**
Smith HS see **Carpenter RL**
Smith IE. New treatments for small cell lung cancer. When to test. Chest 1989 Jul;96(1 Suppl):59S–61S (14 ref.)
Smith IW see **Barr BB**
Smith JA see **Wholey MH**
Smith JD see **Giddings NA**
Smith JL see **Wright FH**
Smith JS Jr see **Choudhury A**
Smith JW 2d see **VanderMolen LA**
Smith L see **Lloyd A**
Smith L see **Smith DA**
Smith LT see **Gross DM**
Smith ML, Clark KF, Davis SE, Greene AA, Marcusson EG, Chen YJ, Schneider JA. Diagnosis of cystinosis with use of placenta [letter] N Engl J Med 1989 Aug 10;321(6):397–8
Smith ML, Ellenbogen KA, Eckberg DL, Szentpetery S, Thames MD. Subnormal heart period variability in heart failure: effect of cardiac transplantation. J Am Coll Cardiol 1989 Jul;14(1):106–11
Smith MS, Doroshow C, Womack WM, Tenckhoff L, Stamm S, Pertik M. Symptomatic mitral valve prolapse in children and adolescents: catecholamines, anxiety, and biofeedback. Pediatrics 1989 Aug;84(2):290–5
Smith ND see **Gleeson D**
Smith R. Doctors, unethical treatments, and turning a blind eye [editorial] BMJ 1989 Apr 29;298(6681):1125–6
Smith R. Profile of the GMC. 1978 and all that. BMJ 1989 May 13;298(6683):1297–300
Smith RF see **Barnhill JE 3d**
Smith RJ see **Wang PH**
Smith RT Jr. Smithisms [letter] Anesth Analg 1989 Jul; 69(1):1007–8
Smith RT Jr see **Perry JC**
Smith S see **Mayer TG**
Smith SA see **Brazier JS**
Smith SL, Jennett RB, Sorrell MF, Tuma DJ. Acetaldehyde substoichiometrically inhibits bovine neurotubulin polymerization. J Clin Invest 1989 Jul;84(1):337–41
Smith T. Medical defence peace [editorial] BMJ 1989 Apr 29;298(6681):1130
Smith TF see **Paya CV**
Smith TP see **Cragg AH**
Smith VP see **Simard M**
Smith WL, Altmaier EM, Ross RR, Johnson BD, Berberoglu LS. Patient expectations of radiology in noninteractive encounters. Radiology 1989 Jul;172(1):275–6
Smith WL see **Kao SC**
Smith-Vaniz A see **Cohen MB**
Smith-Wright DL see **Fuhrman BP**
Smithells RW. Rubella immunisation for girls over 14 years [letter] Arch Dis Child 1989 Apr;64(4):638–9
Smye SW see **Parkin A**
Smyth ET see **Barr JG**
Smyth JA see **Solimano AJ**
Smyth JF. Chemotherapy of small cell lung cancer. Chest 1989 Jul;96(1 Suppl):61S–62S (6 ref.)
Sneige N, Zachariah S, Fanning TV, Dekmezian RH, Ordóñez NG. Fine-needle aspiration cytology of metastatic neoplasms in the breast. Am J Clin Pathol 1989 Jul; 92(1):27–35
Snell PG see **Winter FD Jr**
Snider DE Jr see **Rieder HL**
Sniderman AD see **Silberberg JS**
Snow AD see **Nochlin D**
Snow BW see **Cartwright PC**
Snow BW see **Ward RM**
Snowdon DA, Gonzalez N, O'Leary BM, Ostwald SK. Making mammography a habit [letter] JAMA 1989 Jul 14; 262(2):207
Snyder CL, Eyer SD. Blunt chest trauma with transection of the azygos vein: case report. J Trauma 1989 Jun; 29(6):889–90 (10 ref.)
Snyder D see **Pollard M**
Snyder HM 3d see **Cendron M**
Snyder HM 3d see **Hollowell JG**
Snyder HM 3d see **Huff DS**
Snyder HM 3d see **Keating MA**
Snyder MS see **Ichida F**
Snyder SW, Cardwell MS. Neuromuscular blockade with magnesium sulfate and nifedipine. Am J Obstet Gynecol 1989 Jul;161(1):35–6
Snyder YM see **Zuckerman SH**
Snyder-Mackler L see **Gundersen LA**
So CB see **Gibney RG**
Soamboonsrup P see **Sunisloe LL**
Sobala GM, Schorah CJ, Sanderson M, Dixon MF, Tompkins DS, Godwin P, Axon AT. Ascorbic acid in the human stomach. Gastroenterology 1989 Aug;97(2):357–63
Sobue G, Yasuda T, Mitsuma T, Pleasure D. Nerve growth factor receptor immunoreactivity in the neuronal perikarya of human sensory and sympathetic nerve ganglia. Neurology 1989 Jul;39(7):937–41
Soden M, Rooney M, Cullen A, Whelan A, Feighery C, Bresnihan B. Immunohistological features in the synovium obtained from clinically uninvolved knee joints of patients with rheumatoid arthritis. Br J Rheumatol 1989 Aug; 28(4):287–92
Soden M, Tempany E, Bresnihan B. Sarcoid arthropathy in cystic fibrosis. Br J Rheumatol 1989 Aug;28(4):341–3
Soder CM see **Ryan CA**
Soeters PB see **Gouma DJ**
Soh PF see **Tandon MK**
Sokalski SJ see **Burks JH**
Sokol RJ see **Archie CL**
Sokoll MD see **Westlund UJ**
Sokolowski JW Jr, Burgher LW, Jones FL Jr, Patterson JR, Selecky PA. Guidelines for percutaneous transthoracic needle biopsy. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Am Rev Respir Dis 1989 Jul; 140(1):255–6
Sokolowski JW Jr, Burgher LW, Jones FL Jr, Patterson JR, Selecky PA. Guidelines for thoracentesis and needle biopsy of the pleura. This position paper of the American Thoracic Society was adopted by the ATS Board of Directors, June 1988. Am Rev Respir Dis 1989 Jul;140(1):257–8
Sold MJ, Feyerabend T, Lazarus G. Emergency radiotherapy in a patient with a mediastinal lymphoblastoma [letter] Anaesthesia 1989 May;44(5):450–1
Soldin S see **Koren G**
Solimano AJ, Albersheim SG, Smyth JA, Puterman M. Pulse oximetry in infants [letter] Crit Care Med 1989 Jul; 17(7):712–3
Solomon KR see **Tsubota H**
Solomon LJ see **Bronson DL**
Solomon LR, Cohen K. Erythrocyte O2 transport and metabolism and effects of vitamin B6 therapy in type II diabetes mellitus. Diabetes 1989 Jul;38(7):881–6
Soloski MJ see **Hahn AB**
Solovy A. Feds, state associations study hospital closure. Hospitals 1989 Jul 5;63(13):74
Som PM, Dillon WP, Fullerton GD, Zimmerman RA, Rajagopalan B, Marom Z. Chronically obstructed sinonasal secretions: observations on T1 and T2 shortening. Radiology 1989 Aug;172(2):515–20
Soma G see **Iizumi T**
Soman CS see **Banavali SD**
Somer H see **Roine RO**
Somerset D see **Luke RA**
Sommer S see **Miller P**
Sommerhoff CP see **Kersting-Sommerhoff BA**
Sonander H see **Bengtson JP**
Sone T see **Harioka T**
Song HZ see **Brinton LA**
Sonnenfeld G see **Livingston DH**
Sonntag VK see **Hadley MN**
Sonobe M see **Yasuda H**
Sonsalla P see **Sage JI**
Soong HK, Hassan T, Varani J, Huang SC, Brennan M. Fibronectin does not enhance epidermal growth factor-mediated acceleration of corneal epithelial wound closure. Arch Ophthalmol 1989 Jul;107(7):1052–4
Soong SJ see **Whitley RJ**
Soper RT see **Kao SC**
Soppi ET see **Vuorinen PI**
Sørensen TI see **Teasdale TW**
Sorensen VJ see **Delius RE**
Sorensen VJ see **Sims DW**
Sorenson G see **Mabry M**
Sorenson GD. Summary of pathobiologic presentations. Chest 1989 Jul;96(1 Suppl):80S–81S
Sorin I see **Ballare C**
Sorrell MF see **Smith SL**
Sorville F see **Mascola L**
Sosa kE see **Mininberg DT**
Sosis M see **Goldberg ME**
Soskolne CL, Pagano G, Cipollaro M, Beaumont JJ, Giordano GG. Epidemiologic and toxicologic evidence for chronic health effects and the underlying biologic mechanisms involved in sub-lethal exposures to acidic pollutants. Arch Environ Health 1989 May-Jun;44(3):180–91 (160 ref.)
Sosnowski JR see **Rambo WM**
Sossi G see **Roat MI**
Sotereanos GC see **Skouteris CA**
Soued M see **Feingold KR**
Souêtre E, Salvati E, Krebs B, Belugou JL, Darcourt G. Abnormal melatonin response to 5-methoxypsoralen in dementia. Am J Psychiatry 1989 Aug;146(8):1037–40
Souhami RL. High-dose chemotherapy in lung cancer. Chest 1989 Jul;96(1 Suppl):66S–68S (13 ref.)
Souhrada L. Financing equipment: lessors, vendors offset risk. Hospitals 1989 Jul 5;63(13):65
Souhrada L. Execs speak up about materials management role. Hospitals 1989 Jul 5;63(13):67–8
Souhrada L. Bionic prostheses restore neurological activity. Hospitals 1989 Jul 5;63(13):42
Souma JA see **Andrews LG**
Souroujon MC, Rubinstein DB, Schwartz RS, Barrett KJ. Polymorphisms in human H chain V region genes from the VHIII gene family. J Immunol 1989 Jul 15; 143(2):706–11
Sousa Martinez F see **Ballare C**
Southee T see **Cummins D**
Souza JJ see **Chapman PD**
Sovijärvi AR see **Piirilä P**
Sowers JR see **Imam K**
Sowton E see **Kappenberger L**
Sowunmi A, Walker O, Salako LA. Pruritus and antimalarial drugs in Africans [letter] Lancet 1989 Jul 22;2(8656):213
Sox CH see **Koran LM**
Sox HC Jr see **Koran LM**
Spady DK see **Woollett LA**
Spain C, Eastman E, Kizer KW. Model Standards impact on local health department performance in California. Am J Public Health 1989 Aug;79(8):969–74
Spangelo BL, Judd AM, Isakson PC, MacLeod RM. Interleukin-6 stimulates anterior pituitary hormone release in vitro. Endocrinology 1989 Jul;125(1):575–7
Spanhaak S see **Löwik MR**
Spann S see **Ames RP**
Sparrow D see **O'Connor GT**
Sparrow J see **Parameshwar J**
Spear RM, Sauder RA, Nichols DG. Endotracheal tube rupture, accidental extubation, and tracheal avulsion: three airway catastrophes associated with significant decrease in leak pressure. Crit Care Med 1989 Jul;17(7):701–3
Spears GF see **Campbell AJ**
Spears MC see **Sultemeier PM**
Spechler SJ see **Hesketh PJ**
Specian RD see **Deitch EA**

Speck G see **Wenger DR**
Speer M see **Siddique T**
Speizer FE see **Redline S**
Speizer FE see **Weinstock MA**
Spence LJ see **Dykes EH**
(Spencer C), Edmonson JM. Charles Spencer (1813–1881), microscope maker. J Lab Clin Med 1989 Jul;114(1):93–4
Spencer DC see **Daugird AJ**
Sperduto R see **Chylack LT Jr**
Sperry JB see **Quattlebaum TG**
Spertini F see **Abdelmoula M**
Speth C see **Rossansky SJ**
Speth J see **Kaplan EL**
Speth RC see **Grove KL**
Spetzler RF see **Hadley MN**
Spickler EM see **Robinson JD**
Spiegel PK see **Edwards ME**
Spielman FJ, Levin KJ, Matherly JA. Procedural skills [letter] Acad Med 1989 Jul;64(7):391–2
Spiess BD see **Tuman KJ**
Spika JS, Shaffer N, Hargrett-Bean N, Collin S, MacDonald KL, Blake PA. Risk factors for infant botulism in the United States. Am J Dis Child 1989 Jul;143(7):828–32
Spindler AA see **Renvall MJ**
Spinedi A see **Baldini P**
Spinelli A see **Pearce NW**
Spissák L see **Bzdúch V**
Spits H see **Paliard X**
Spitz P see **Singh G**
Spitzer RL, Severino SK, Williams JB, Parry BL. Late luteal phase dysphoric disorder and DSM-III-R. Am J Psychiatry 1989 Jul;146(7):892–7
Spitzer RL see **Kass F**
Spitzer RL see **Kendler KS**
Splittgerber GF see **Czarnecki DJ**
Spoont MR see **Depue RA**
Sporn MB see **Lafyatis R**
Sprince NL see **Masjedi MR**
Springer C see **Avital A**
Springer GF see **Barr N**
Sprinkle JD see **Subbiah MT**
Spritzer C see **Baker ME**
Spritzer CE see **Nokes SR**
Spunberg JJ see **Cox JD**
Spur BW see **Arm JP**
Spurr NK see **Thakker RV**
Spurzem JR, Saltini C, Kirby M, Konishi K, Crystal RG. Expression of HLA class II genes in alveolar macrophages of patients with sarcoidosis. Am Rev Respir Dis 1989 Jul; 140(1):89–94
Squadrini F see **Mongiardo N**
Sreeram N see **Loubser MD**
Sridama V, DeGroot LJ. Treatment of Graves' disease and the course of ophthalmopathy. Am J Med 1989 Jul; 87(1):70–3
Sridhar KS, Benedetto P, Otrakji CL, Charyulu KK. Response of eccrine adenocarcinoma to tamoxifen. Cancer 1989 Jul 15;64(2):366–70
Srkalovic G see **Szende B**
Staas WE Jr, Nemunaitis G. Management of reflex sweating in spinal cord injured patients. Arch Phys Med Rehabil 1989 Jul;70(7):544–6
Stachura ME, Tyler JM, Kent PG. Pituitary immediate release pools of growth hormone and prolactin are preferentially refilled by new rather than stored hormone. Endocrinology 1989 Jul;125(1):444–9
Stack RS see **Kereiakes DJ**
Stackl W see **Aboseif SR**
Staffa G see **Servadei F**
Stafford CT. Life-threatening allergic reactions. Anticipating and preparing are the best defenses. Postgrad Med 1989 Jul;86(1):235–42, 245 (20 ref.)
Stafford RS see **Gould JB**
Staggs TS see **Goeken NE**
Stahel RA. Monoclonal antibodies in lung cancer. Chest 1989 Jul;96(1 Suppl):27S–29S (19 ref.)
Stahl RE see **Stein BE**
Stahl SM, Thiemann S, Faull KF, Barchas JD, Berger PA. Retraction [retraction of Stahl SM, Thiemann S, Faull KF, Barchas JD, Berger PA. In: Arch Gen Psychiatry 1986 Feb; 43(2):161–4] Arch Gen Psychiatry 1989 Aug;46(8):758
Stahlgren L see **Burnett D**
Staiano-Coico L see **Madden MR**
Stalder GA see **Meyer BM**
Stålhammar D, Starmark JE. Uniform SAH grading [letter] J Neurosurg 1989 Aug;71(2):303–4
Stallings SF see **Rehn BL**
Stallone RJ see **Young JN**
Stamato N see **McKeever LS**
Stamey TA see **Kabalin JN**
Stamm S see **Smith MS**
Stamm WE see **Paavonen J**
Stamper EP see **Lytle JJ**
Stampfer MJ see **Weinstock MA**
Stanford W see **Rumberger JA**
Stange EF, Scheibner J, Ditschuneit H. Role of primary and secondary bile acids as feedback inhibitors of bile acid synthesis in the rat in vivo. J Clin Invest 1989 Jul; 84(1):173–80
Stanhope R see **Massarano AA**
Stanhope SJ see **Gundersen LA**
Stanley D, Bell MJ. Forearm fractures in schoolchildren. BMJ 1989 Apr 29;298(6681):1159–60
Stanley K, Stjernswärd J. Lung cancer—a worldwide health problem. Chest 1989 Jul;96(1 Suppl):1S–5S (11 ref.)
Stanley P, Geer GD, Miller JH, Gilsanz V, Landing BH, Boechat IM. Infantile hepatic hemangiomas. Clinical features, radiologic investigations, and treatment of 20 patients. Cancer 1989 Aug 15;64(4):936–49
Stanley P see **Perrault H**
Stanley TH, Hague B, Mock DL, Streisand JB, Bubbers S, Dzeizkalns RR, Bailey PL, Pace NL, East KA, Ashburn MA. Oral transmucosal fentanyl citrate (lollipop) premedication in human volunteers. Anesth Analg 1989 Jul;69(1):887–93
Stanley TH see **Streisand JB**
Stanson AW see **Cragg AH**
Stanton BA see **Light DB**
Stanton MS, Prystowsky EN, Fineberg NS, Miles WM, Zipes DP, Heger JJ. Arrhythmogenic effects of antiarrhythmic drugs: a study of 506 patients treated for ventricular tachycardia or fibrillation. J Am Coll Cardiol 1989 Jul; 14(1):209–15; discussion 216–7
Starc TJ, Krongrad E, Bierman FZ. Two-dimensional echocardiography and Doppler findings in cerebral arteriovenous malformation. Am J Cardiol 1989 Jul 15; 64(3):252–4
Starfield BH see **Wilson ME**
Stargatt R see **Davies B**
Stark DD see **Fretz CJ**
Stark FH. Physicians' conflicts in patient referrals. JAMA 1989 Jul 21;262(3):397
Stark WJ, Gottsch JD, Goodman DF, Goodman GL, Pratzer K. Posterior chamber intraocular lens implantation in the absence of capsular support. Arch Ophthalmol 1989 Jul; 107(7):1078–83
Starke JR, Taylor-Watts KT. Tuberculosis in the pediatric population of Houston, Texas. Pediatrics 1989 Jul; 84(1):28–35
Starling MR, Mancini GB, Montgomery DG, Gross MD. Radionuclide left ventricular contractile indices and their relationship to heart size in dogs. Am Heart J 1989 Aug; 118(2):325–33
Starling RC, Baker PB, Hirsch SC, Myerowitz PD, Galbraith TA, Binkley PF. An echocardiographic and anatomic description of the donor-recipient atrial anastomosis after orthotopic cardiac transplantation. Am J Cardiol 1989 Jul 1;64(1):109–11
Starmark JE see **Stålhammar D**
Starr NT see **Ward RM**
Starr S see **Gill B**
Starzl TE see **Miyata T**
Starzl TE see **Wilson BJ**
Starzl TE see **Yanaga K**
Staton L see **Utley JR**
Stebor AD. Posturination time and specific gravity in infants' diapers. Nurs Res 1989 Jul-Aug;38(4):244–5
Stecy P see **Rentrop KP**
Steel CM. Peptide regulatory factors and malignancy. Lancet 1989 Jul 1;2(8653):30–4 (41 ref.)
Steel J see **Jones PM**
Steele BT, Robitaille P, DeMaria J, Grignon A. Follow-up evaluation of prenatally recognized vesicoureteric reflux. J Pediatr 1989 Jul;115(1):95–6
Steele JJ see **Ballenger JC**
Steenland K see **Roscoe RJ**
Steere AC see **Pachner AR**
Stefansson E see **Zilis JD**
Steffes MW see **Mauer SM**
Stefos T, Deter RL, Hill RM, Simon NV. Individual growth curve standards in twins: prediction of third-trimester growth and birth characteristics. Am J Obstet Gynecol 1989 Jul;161(1):179–83
Steg N see **Chen C**
Steg PG, Ronglone AJ, Gal D, DeJesus ST, Clarke RH, Isner JM. Pulsed ultraviolet laser irradiation produces endothelium-independent relaxation of vascular smooth muscle. Circulation 1989 Jul;80(1):189–97
Stehling MK, Mansfield P, Ordidge RJ, Coxon R, Chapman B, Blamire A, Gibbs P, Johnson IR, Symonds EM, Worthington BS, et al. Echo-planar magnetic resonance imaging in abnormal pregnancies [letter] Lancet 1989 Jul 15;2(8655):157
Stehr-Green JK see **Holman RC**
Steichen J see **Ford LM**
Steichen JD. Photoradiation therapy of tumors [letter] J Neurosurg 1989 Jul;71(1):151–2
Stein B, Fuster V. Antithrombotic therapy in acute myocardial infarction: prevention of venous, left ventricular and coronary artery thromboembolism. Am J Cardiol 1989 Jul 18;64(4):33B–40B (51 ref.)
Stein BE, Schwartzman ML, Carroll MA, Stahl RE, Rosenthal WS. Role of arachidonic acid metabolites in acid-pepsin injury to rabbit esophagus. Gastroenterology 1989 Aug; 97(2):278–83
Stein DS, Libertin CR. Antibiotics in endocarditis due to nutritionally deficient streptococci [letter] JAMA 1989 Aug 4;262(5):618
Stein DW see **Schuller DE**
Stein H see **Niedobitek G**
Stein JM. Supplemental Security Income benefits for children [letter] Pediatrics 1989 Aug;84(2):401
Steinbächer M see **Hölting T**
Steinberg ES see **Pedersen H**
Steinberg FL see **Simon M**
Steinberg HV, Torres WE, Nelson RC. Gallbladder lithotripsy. Radiology 1989 Jul;172(1):7–11
Steinberg L see **Warren JW**
Steinberg ME see **Mitchell DG**
Steinberg W see **Huntington DK**
Steinbok P, Hall J, Flodmark O. Hydrocephalus in achondroplasia: the possible role of intracranial venous hypertension. J Neurosurg 1989 Jul;71(1):42–8
Steiner G. From an excess of fat, diabetics die [editorial] JAMA 1989 Jul 21;262(3):398–9
Steiner RA see **Chowen-Breed JA**
Steinkogler I see **Marberger M**
Steinman RT see **Kalbfleisch KR**
Steinmetz H see **Hassler W**
Steinschneider A, McLean MP, Billheimer JT, Azhar S, Gibori G. Protein kinase C catalyzed phosphorylation of sterol carrier protein 2. Endocrinology 1989 Jul;125(1):569–71
Steinsson K, Erlendsson K, Valdimarsson H. Successful plasma infusion treatment of a patient with C2 deficiency and systemic lupus erythematosus: clinical experience over forty-five months. Arthritis Rheum 1989 Jul;32(7):906–13
Stein RG see **VanderMolen LA**
Stella A see **D'Addato M**
Stella JP see **Epker BN**
Steinmach GE, Phillips J, DiFabio RP, Teasdale N. Age, functional postural reflexes, and voluntary sway. J Gerontol 1989 Jul;44(4):B100–6
Stenger DP see **Arquilla ER**
Stenn J see **Fine JD**
Stenqvist O see **Bengtson JP**
Stenzel D see **Kara U**
Stephan MJ, Stevens EL Jr, Wenstrup RJ, Greenberg CR, Gritter HL, Hodges GF, Guller B. Mucopolysaccharidosis I presenting with endocardial fibroelastosis of infancy. Am J Dis Child 1989 Jul;143(7):782–4
Stephenson SR see **Martin TW**
Stephenson SR see **Ramsey KP**
Stepney R see **Wakeford RE**
Sterkers O see **Martin N**
Stern MP, Patterson JK, Haffner SM, Hazuda HP, Mitchell BD. Lack of awareness and treatment of hyperlipidemia in type II diabetes in a community survey. JAMA 1989 Jul 21;262(3):360–4
Stern S see **Tzivoni D**
Sternini C, Anderson K, Frantz G, Krause JE, Brecha N. Expression of substance P/neurokinin A-encoding preprotachykinin messenger ribonucleic acids in the rat enteric nervous system. Gastroenterology 1989 Aug; 97(2):348–56
Sterns EE, Cochran AJ. Monoclonal antibodies in the diagnosis and treatment of carcinoma of the breast. Surg Gynecol Obstet 1989 Jul;169(1):81–98 (229 ref.)
Stevens CE see **Paavonen J**
Stevens EL Jr see **Stephan MJ**
Stevens LD see **Osathanondh R**
Stevens LL see **Pedersen WR**
Stevens M see **Quigley C**
Stevens MC see **Pinkerton CR**
Stevens MP, Sack KE. Prepatellar calcifications from repeated kneeling [letter] N Engl J Med 1989 Jul 20; 321(3):194–5
Stevens SL see **Dutky PA**
Stevenson JL see **Ymer SI**
Stevenson S see **Vasseur PB**
Steventon GB, Heafield MT, Waring RH, Williams AC. Xenobiotic metabolism in Parkinson's disease. Neurology 1989 Jul;39(7):883–7
Stewart AF see **Centrella M**
Stewart FM, Harkins BJ, Hahn SS, Daniel TM. Cisplatin, 5-fluorouracil, mitomycin C, and concurrent radiation therapy with and without esophagectomy for esophageal carcinoma. Cancer 1989 Aug 1;64(3):622–8
Stewart G see **Fulcher D**
Stewart GA, Thompson PJ, Simpson RJ. Protease antigens from house dust mite [letter] Lancet 1989 Jul 15; 2(8655):154–5
Stewart HJ, Prescott RJ, Forrest PA. Conservation therapy of breast cancer [letter] Lancet 1989 Jul 15;2(8655):168–9
Stewart HJ see **van Dongen JA**
Stewart JD. Sweating abnormalities and other autonomic disorders in diabetes mellitus. Mayo Clin Proc 1989 Jun; 64(6):712–5
Stewart RR, David CL, Eftekhari F, Ried HL, Fuller LM, Fornage BD. Thyroid gland: US in patients with Hodgkin disease treated with radiation therapy in childhood. Radiology 1989 Jul;172(1):159–63
Stewart S see **Higenbottam T**
Stewart S see **Millet B**
Stieber AC see **Wilson BJ**
Stief CG see **Aboseif SR**
Stiffman AR see **Earls F**
Stiles GM see **Weaver FA**
Stillman F see **Becker DM**
Stimac GK see **Newell DW**
Stine EA see **Wingfield A**
Stine P see **Lindsay MK**
Stjernswärd J see **Stanley K**
Stocchi F see **Ruggieri S**
Stockdale AD, Rostom AY. Upper-half body irradiation for oat cell carcinoma of the bronchus. Br J Radiol 1989 Jun; 62(738):563–4

Stocking CB see **Lantos JD**
Stockley RA see **Adams DH**
Stoeckle H see **Flaker GC**
Stoehr AJ, Knapp MT. Physician checklist for visually impaired elderly in nursing homes. Geriatrics 1989 Jul; 44(7):87–91
Stoen R see **Fahey MR**
Stohler CS see **Van der Spek AF**
Stokes P see **Zammit G**
Stolle CA see **Gilmore-Hebert M**
Stomper PC, Connolly JL, Meyer JE, Harris JR. Clinically occult ductal carcinoma in situ detected with mammography: analysis of 100 cases with radiologic-pathologic correlation. Radiology 1989 Jul; 172(1):235–41
Stomper PC see **Davis SP**
Stone AR see **Hellstrom WJ**
Stone BG see **Day R**
Stone DJ, Johns RA. Endothelium-dependent effects of halothane, enflurane, and isoflurane on isolated rat aortic vascular rings. Anesthesiology 1989 Jul;71(1):126–32
Stone GC, Sjöbring U, Björck L, Sjöquist J, Barber CV, Nardella FA. The Fc binding site for streptococcal protein G is in the C gamma 2–C gamma 3 interface region of IgG and is related to the sites that bind staphylococcal protein A and human rheumatoid factors. J Immunol 1989 Jul 15;143(2):565–70
Stone KS, Vorst EC, Lanham B, Zahn S. Effects of lung hyperinflation on mean arterial pressure and postsuctioning hypoxemia. Heart Lung 1989 Jul;18(4):377–85
Stone PH, Muller JE, Hartwell T, York BJ, Rutherford JD, Parker CB, Turi ZG, Strauss HW, Willerson JT, Robertson T, et al. The effect of diabetes mellitus on prognosis and serial left ventricular function after acute myocardial infarction: contribution of both coronary disease and diastolic left ventricular dysfunction to the adverse prognosis. The MILIS Study Group. J Am Coll Cardiol 1989 Jul;14(1):49–57
Stone PH see **Hands ME**
Stone PH see **Tofler GH**
Stone S, Holden A, Knapic N, Ansell J. Comparison between videotape and personalized patient education for anticoagulant therapy. J Fam Pract 1989 Jul;29(1):55–7
Stonebridge PA, Clason AE, Duncan AJ, Nolan B, Jenkins AM, Ruckley CV. Acute ischaemia of the upper limb compared with acute lower limb ischaemia; a 5-year review. Br J Surg 1989 May;76(5):515–6
Stoneburner R see **Fordyce EJ**
Stoner GD see **Shier DN**
Stoney RJ see **Auffermann W**
Stool SE see **Cunningham MJ**
Story D see **Forsyth D**
Stout JP, Hillier VF, Gokal R. Home heating and renal failure [letter] Lancet 1989 Jul 1;2(8653):50–1
Strack C see **Adkisson GH**
Straffon RA see **Guz BV**
Strait KA see **Day R**
Strand WR, Sesterhenn I, Rushton HG. Role of superoxide dismutase in the pathogenesis of pyelonephritis: immunological localization of superoxide dismutase in human renal tissues. J Urol 1989 Aug;142(2 Pt 2):616–8; discussion 619
Strang J, Orgel M, Farrell M. Well users clinic for illicit drug users [letter] BMJ 1989 May 13;298(6683):1310
Stransky M, Rubin A, Lava NS, Lazaro RP. Treatment of carpal tunnel syndrome with vitamin B6: a double-blind study. South Med J 1989 Jul;82(7):841–2
Stratford PW. Not really reliability? [letter] Phys Ther 1989 Aug;69(8):700–2
Strauss HW see **Stone PH**
Strauss N see **Engelhard D**
Strauss J see **Müller-Quernheim J**
Strawbridge LR, Kramer SA, Castillo OA, Barrett DM. Augmentation cystoplasty and the artificial genitourinary sphincter. J Urol 1989 Aug;142(2):297–301
Stray-Gundersen J see **Winter FD Jr**
Streeten E see **Friedman E**
Streeter OE Jr see **Ryoo MC**
Streilein JW see **Ksander BR**
Streisand JB, Stanley TH, Hague B, van Vreeswijk H, Ho GH, Pace NL. Oral transmucosal fentanyl citrate premedication in children. Anesth Analg 1989 Jul; 69(1):894–900
Streisand JB see **Stanley TH**
Strickland RA see **Johnston WE**
Strike TA see **Shapiro WR**
Stringer MD, Howard ER, Green DW, Karani J, Gimson AS, Williams R. Mesoatrial shunt: a surgical option in the management of the Budd-Chiari syndrome. Br J Surg 1989 May;76(5):474–8
Strnad CM, Grosh WW, Baxter J, Burnett LS, Jones HW 3d, Greco FA, Hainsworth JD. Peritoneal carcinomatosis of unknown primary site in women. A distinctive subset of adenocarcinoma. Ann Intern Med 1989 Aug 1; 111(3):213–7
Strober S, Dejbachsh-Jones S, Van Vlasselaer P, Duwe G, Salimi S, Allison JP. Cloned natural suppressor cell lines express the CD3+CD4-CD8- surface phenotype and the alpha, beta heterodimer of the T cell antigen receptor. J Immunol 1989 Aug 15;143(4):1118–22
Strobino D see **Thomas RL**
Strøm V see **Wilken-Jensen C**
Strong TH Jr, Phelan JP, Ahn MO, Sarno AP Jr. Vaginal birth after cesarean delivery in the twin gestation. Am J Obstet Gynecol 1989 Jul;161(1):29–32
Stronge JM see **Turner MI**
Strube MJ see **Norton BJ**
Strum GM see **Markolf KL**
Struyvenberg A see **Haalboom JR**
Stuart J see **Lonsdale M**
Stulz P see **Pfisterer M**
Sturgeon JF see **Thomas GM**
Sturgeon R see **Alden D**
Sturgill BC see **Amodeo C**
Sturgill D see **Schmieder RE**
Sturrock RD see **Taha AS**
Sturrock RF see **Hamburger J**
Stutzman ME see **Russell CD**
Styrt B, Walker RD, White JC. Neutrophil oxidative metabolism after exposure to bacterial phospholipase C. J Lab Clin Med 1989 Jul;114(1):51–7
Styrt B, Gorbach SL. Recent developments in the understanding of the pathogenesis and treatment of anaerobic infections (2). N Engl J Med 1989 Jul 27; 321(4):240–6 (157 ref.)
Styrt B, Gorbach SL. Recent developments in the understanding of the pathogenesis and treatment of anaerobic infections (2). N Engl J Med 1989 Aug 3; 321(5):298–302 (267 ref.)
Su GL see **Lashner BA**
Su JY see **Krane EJ**
Suárez H see **Morales LM**
Subbiah MT, Sprinkle JD, Rymaszewski Z, Yunker RL. Short-term exposure to high dietary cholesterol in early life: arterial changes and response after normalization of plasma cholesterol. Am J Clin Nutr 1989 Jul;50(1):68–72
Suda RW see **Weaver FA**
Suda T see **Akatsu T**
Suda T see **Murol K**
Sudman S see **Shapiro MF**
Sueoka E see **Ono K**
Suffredini AF, Fromm RE, Parker MM, Brenner M, Kovacs JA, Wesley RA, Parrillo JE. The cardiovascular response of normal humans to the administration of endotoxin. N Engl J Med 1989 Aug 3;321(5):280–7
Suffredini AF see **Masur H**
Suga K see **Ono K**
Sugamoto K see **Takaoka K**
Suganuma A see **Nakashima S**
Sugar L see **Thomas GM**
Sugarbaker PH. Prevention of hernia after enterostomy. Surg Gynecol Obstet 1989 Jul;169(1):75–7
Sugarbaker PH see **Nelson RC**
Sugarman JR. Prevalence of gestational diabetes in a Navajo Indian community. West J Med 1989 May;150(5):548–51
Sugawa T see **Imanaka M**
Sugawara A see **Itoh H**
Sugiki M see **Yoshida E**
Sugimoto T see **Shiina S**
Sugishita Y see **Miyauchi T**
Sugiyama H see **Komori T**
Sugiyama S see **Hanaki Y**
Sugiyama S see **Kamihara S**
Suh JS see **Kim YI**
Suh KP see **Kim YI**
Sulis E see **Floris C**
Sulis ML see **Floris C**
Sullivan C see **Jackson IT**
Sullivan DC, Shaw DR. Radiopaque markers on mammary implants [letter] AJR Am J Roentgenol 1989 Aug; 153(2):428–9
Sullivan G see **Brown JJ**
Sullivan ID see **Cooper SG**
Sullivan JA, Murphy DA. Surgical repair of stenotic ostial lesions of the left main coronary artery. J Thorac Cardiovasc Surg 1989 Jul;98(1):33–6
Sullivan JL see **Tomkinson BE**
Sullivan KJ, Durand M, Ye TH, Chang HK. Evaluation of lung mechanics in rabbits using short duration flow pulses. Am Rev Respir Dis 1989 Jul;140(1):17–24
Sullivan MJ, Cooke JE, Baker JD 3d, Conroy JM, Bailey MK. Axillary block utilizing the pulse oximeter [letter] Anesthesiology 1989 Jul;71(1):166–7
Sultan C see **Bennett JM**
Sultemeier PM, Gregoire MB, Spears MC, Downey R. Managerial functions of college and university foodservice managers. J Am Diet Assoc 1989 Jul;89(7):924–8
Sumi H see **Yoshida E**
Sumi SM see **Nochlin D**
Summer WR see **Mahatma M**
Summers B see **Thompson AJ**
Sumner DS see **Quill DS**
Sun AM see **Eberhard ML**
Sun CH, Ward HJ, Paul WL, Koyle MA, Yanagawa N, Lee DB. Serum erythropoietin levels after renal transplantation. N Engl J Med 1989 Jul 20;321(3):151–7
Sun CJ see **Hanukoglu A**
Sun JH see **Van Stiegmann G**
Sundaram M see **McGuire MH**
Sundberg S see **Laurila OJ**
Sunderland G, Friedman S, Rosenblum LA. Imipramine and alprazolam treatment of lactate-induced acute endogenous distress in nonhuman primates. Am J Psychiatry 1989 Aug; 146(8):1044–7
Sundharam JA. Is podophyllin safe for use in pregnancy? [letter] Arch Dermatol 1989 Jul;125(7):1000–1
Sundmacher R see **Grehn F**
Sundy JS see **Russo DM**
Sung RY see **Milne MJ**
Sung SS, Jung LK, Walters JA, Jeffes EW 3d, Granger GA, Fu SM. Production of lymphotoxin by isolated human tonsillar B lymphocytes and B lymphocyte cell lines. J Clin Invest 1989 Jul;84(1):236–43
Sunisloe LL, Soamboonsrup P, Andrew M, Neame PB. A case of CD3+, CD4-, CD8-, WT31- acute T-cell leukemia. Am J Clin Pathol 1989 Jul;92(1):115–9
Super CM see **Lutter CK**
Surawicz B. Electrophysiologic substrate of torsade de pointes: dispersion of repolarization or early afterdepolarizations? J Am Coll Cardiol 1989 Jul; 14(1):172–84 (136 ref.)
Sureda D see **Pigrau C**
Surks MI see **Shapiro LE**
Surman OS. Psychiatric aspects of organ transplantation. Am J Psychiatry 1989 Aug;146(8):972–82 (144 ref.)
Suryapranata H see **de Feyter PJ**
Susani M see **Kerjaschki D**
Susanti I see **Boon ME**
Suslavich FJ, Turner NA, King PS, Brown HK. Intraabdominal adhesions: intraoperative US. Radiology 1989 Aug;172(2):387–8
Sutej PG, Gear AJ, Morrison RC, Tikly M, de Beer M, Dos Santos L, Sher R. Photosensitivity and anti-Ro (SS-A) antibodies in black patients with systemic lupus erythematosus (SLE). Br J Rheumatol 1989 Aug; 28(4):321–4
Suter CM see **Didolkar MS**
Sutherland GR see **Bransby-Zachary MA**
Sutherland GR see **Reddy KK**
Suttie J see **Conly J**
Suttie JM see **Ebling FJ**
Suttie JM see **Foster DL**
Suttie JM see **Landefeld TD**
Sutton GP, Rogers RE, Roth LM, Ehrlich CE. Aggressive angiomyxoma first diagnosed as levator hernia. Am J Obstet Gynecol 1989 Jul;161(1):73–5
Sutton GP see **el-Dabh A**
Sutton J see **Scott N**
Sutton R see **Fitzpatrick AP**
Suttorp N see **Seeger W**
Suzuki H see **Ono K**
Suzuki M, Takahashi T, Ouchi K, Matsuno S. The development and extension of hepatohilar bile duct carcinoma. A three-dimensional tumor mapping in the intrahepatic biliary tree visualized with the aid of a graphics computer system. Cancer 1989 Aug 1;64(3):658–66
Suzuki N see **Miyauchi T**
Suzuki Y, Fujita Y, Kogishi K. Reconstitution of tubular myelin from synthetic lipids and proteins associated with pig pulmonary surfactant. Am Rev Respir Dis 1989 Jul; 140(1):75–81
Svanborg Edén C see **Mårild S**
Svenson RH see **Littmann L**
Svenson SB see **Källenius G**
Svoren E see **Sarajlic M**
Swamy XR see **Puri CP**
Swan HJ see **Weiss AT**
Swan SK, Bennett WM. Oral acyclovir and neurotoxicity [letter] Ann Intern Med 1989 Jul 15;111(2):188
Swanson A, Mitchell K. MCAT responds to changes in medical education and physician practice. JAMA 1989 Jul 14;262(2):261–3
Swanton H see **Millner R**
Swaroop S see **Saikia TK**
Swartz CM see **Lane RD**
Swash M see **Thompson AJ**
Sweat KR see **Assimos DG**
Sweetman L see **Tsai MY**
Swenson TL see **Whitlock ME**
Swensson RE see **Moises VA**
Swett HA, Fisher PR, Cohn AI, Miller PL, Mutalik PG. Expert system-controlled image display. Radiology 1989 Aug;172(2):487–93
Swiryn S see **Ropella KM**
(Swyer PR), Walker CH. Neonatology—then and now. Assisted ventilation in the newborn (1964). Arch Dis Child 1989 Apr;64(4):629
Sykes JJ see **Adkisson GH**
Symonds EM see **Stehling MK**
Szabó I see **Maródi L**
Szakacs CB see **Herman RJ**
Szamaborski J see **Komitowski D**
Sze EH see **Baggish MS**
Szechtman B see **Cleghorn JM**
Szechtman H see **Cleghorn JM**
Szecowka J see **Chipkin SR**
Szende B, Schally AV, Srkalovic G, Comaru-Schally AM, Wittliff JL. Adverse effect of tamoxifen with LHRH agonist on oestrogen-receptor-negative mammary carcinoma [letter] Lancet 1989 Jul 22;2(8656):222–3
Szentpetery S see **Smith ML**
Szklo M see **Golden DB**
Szlachcic J see **Tubau JF**
Szmol M see **VanderMolen LA**
Szurszewski JH, Holt PR, Schuster M. Proceedings of a workshop entitled "Neuromuscular function and

dysfunction of the gastrointestinal tract in aging". Dig Dis Sci 1989 Jul;34(7):1135–46

T

Tabarand F see **Hugon J**
Tabary C see **Tardieu C**
Tabata Y see **Imaseki H**
Taché Y see **Thiefin G**
Tadavarthy SM see **Epstein DH**
Taddei T see **Bertini G**
Tadmor R see **Herchergs AA**
Tagaya Y see **Bensimon C**
Tager IB see **Redline S**
Tago M see **Bando K**
Taha AS, McLaughlin S, Sturrock RD, Russell RI. Evaluation of the efficacy and comparative effects on gastric and duodenal mucosa of etodolac and naproxen in patients with rheumatoid arthritis using endoscopy. Br J Rheumatol 1989 Aug;28(4):329–32
Tahara E see **Ochiai A**
Tai LR see **Chipkin SR**
Taii S see **Fukuoka M**
Taira M see **Imaseki H**
Tait B, Mackay IR, Board P, Coggan M, Emery P, Eckardt G. HLA A1, B8, DR3 extended haplotypes in autoimmune chronic hepatitis. Gastroenterology 1989 Aug;97(2):479–81
Taitz LS, Scholey E. Are babies more satisfied by casein based formulas? Arch Dis Child 1989 Apr;64(4):619–21
Takada T, Yasuda H, Shikata J, Watanabe S, Shiratori K, Takeuchi T. Postprandial plasma gastrin and secretin concentrations after a pancreatoduodenectomy. A comparison between a pylorus-preserving pancreatoduodenectomy and the Whipple procedure. Ann Surg 1989 Jul;210(1):47–51
Takagi A, Sando I. Computer-aided three-dimensional reconstruction: a method of measuring temporal bone structures including the length of the cochlea. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):515–22
Takahashi N see **Akatsu T**
Takahashi T see **Suzuki M**
Takaki ET see **Malik RL**
Takakura K see **Bensimon C**
Takakura K see **Fukuoka M**
Takamiya K see **Iwasaki Y**
Takanari H see **Murata T**
Takanashi A see **Ochiai A**
Takaoka K, Yoshikawa H, Masuhara K, Sugamoto K, Tsuda T, Aoki Y, Ono K, Sakamoto Y. Establishment of a cell line producing bone morphogenetic protein from a human osteosarcoma. Clin Orthop 1989 Jul;(244):258–64
Takasaki M, Oh-Oka T, Saito Y, Kosaka Y. Low dose almitrine bismesylate improves pulmonary gas exchange during canine one-lung hypoxia. Crit Care Med 1989 Jul; 17(7):661–5
Takasugi JE see **Moore AD**
Takata Y see **Yokoyama K**
Takekura N see **Ochiai A**
Takemura G see **Onodera T**
Takeuchi K, Nishiwaki H, Okada M, Niida H, Okabe S. Bilateral adrenalectomy worsens gastric mucosal lesions induced by indomethacin in the rat. Role of enhanced gastric motility. Gastroenterology 1989 Aug;97(2):284–93
Takeuchi T see **Takada T**
Taki K see **Hanaki Y**
Takiguchi M, Nishimura I, Hayashi H, Karaki S, Kariyone A, Kano K. The structure and expression of genes encoding serologically undetected HLA-C locus antigens. J Immunol 1989 Aug 15;143(4):1372–8
Takishima T see **Isoyama S**
Takizawa Y see **Muto H**
Takla G see **Bullerdiek J**
Talaee N see **Johnson MA**
Talbot D see **Varni JW**
Talbot-Wright R see **Gil-Vernet JM**
Talerman A see **Visscher DW**
Tall AR see **Whitlock ME**
Tall B see **Vary TC**
Tallandier A see **Simon-Bouy B**
Talmadge K see **Ganz T**
Tamarkin M see **Schiff E**
Tamaya S see **Kondo T**
Tamimi HK see **Cain JM**
Tamminga CA see **Thaker GK**
Tamura A see **Kataoka H**
Tan EC see **Hoe J**
Tan EM. Interactions between autoimmunity and molecular and cell biology. Bridges between clinical and basic sciences. J Clin Invest 1989 Jul;84(1):1–6 (73 ref.)
Tan EM. Do autoantibodies inhibit function of their cognate antigens in vivo? [editorial] Arthritis Rheum 1989 Jul; 32(7):924–5
Tan PL, Ames R, Yeoman S, Ibbertson HK, Caughey DE. Effects of aminobisphosphonate infusion on biochemical indices of bone metabolism in rheumatoid arthritis. Br J Rheumatol 1989 Aug;28(4):325–8
Tan WD see **Markusse HM**
Tanagho EA, Schmidt RA, Orvis BR. Neural stimulation for control of voiding dysfunction: a preliminary report in 22 patients with serious neuropathic voiding disorders. J Urol 1989 Aug;142(2):340–5
Tanagho EA see **Aboseif SR**
Tanaka H see **Mori Y**
Tanaka J see **Koyama K**
Tanaka KR see **Zerez CR**
Tanaka M see **Onodera T**
Tanaka T see **Kusunoki M**
Tancer ML see **Petrikovsky BM**
Tanchajja S, Mohaideen AH. A simple technique for in situ saphenous vein arterial bypass graft with anastomoses at the common femoral or external iliac artery. Surg Gynecol Obstet 1989 Jul;169(1):78
Tandon MK, Soh PF. Comparison of real and placebo acupuncture in histamine-induced asthma. A double-blind crossover study. Chest 1989 Jul;96(1):102–5
Tandon PN see **Colohan AR**
Tandon R, Greden JF. Cholinergic hyperactivity and negative schizophrenic symptoms. A model of cholinergic/dopaminergic interactions in schizophrenia. Arch Gen Psychiatry 1989 Aug;46(8):745–53 (135 ref.)
Tang A, Barlow D. Resurgence of heterosexually acquired early syphilis in London [letter] Lancet 1989 Jul 15; 2(8655):166–7
Tang CM, Rolfe M, Wells JC, Cham K. Outbreak of beri-beri in The Gambia. Lancet 1989 Jul 22;2(8656):206–7
Tang L, Sawers RS. Twin pregnancy in premature ovarian failure after estrogen treatment: a case report. Am J Obstet Gynecol 1989 Jul;161(1):172–3
Tang TT see **Kelly KJ**
Tang ZY, Yu YQ, Zhou XD, Ma ZC, Yang R, Lu JZ, Lin ZY, Yang BH. Surgery of small hepatocellular carcinoma. Analysis of 144 cases. Cancer 1989 Jul 15;64(2):536–41
Taniguchi M see **Hishikawa Y**
Tanizawa O see **Kimura T**
Tanner MA see **Wolberg WH**
Tannock I, Gospodarowicz M, Connolly J, Jewett M. M-VAC (methotrexate, vinblastine, doxorubicin and cisplatin) chemotherapy for transitional cell carcinoma: the Princess Margaret Hospital experience. J Urol 1989 Aug;142(2):289–92
Tans JT, Poortvliet DC. Relationship between compliance and resistance to outflow of CSF in adult hydrocephalus. J Neurosurg 1989 Jul;71(1):59–62
Tant S see **Mathew RJ**
Tapazoglou E see **de Braud F**
Taplitz MS see **Bonvini E**
Taquet A see **Bonithon-Kopp C**
Tardieu C, Lespargot A, Tabary C, Bret MD. Toe-walking in children with cerebral palsy: contributions of contracture and excessive contraction of triceps surae muscle. Phys Ther 1989 Aug;69(8):656–62
Targoff IN, Arnett FC, Berman L, O'Brien C, Reichlin M. Anti-KJ: a new antibody associated with the syndrome of polymyositis and interstitial lung disease. J Clin Invest 1989 Jul;84(1):162–72
Tark KC. Protection of abdominal flaps from self-mutilation in the rat [letter] Plast Reconstr Surg 1989 Aug;84(2):376–7
Tarlé SA see **Davidson BL**
Tartiere J, Gerard JL, Peny J, Hurpe JM, Quesnel J. Acute treatment after accidental intrathecal injection of hypertonic contrast media [letter] Anesthesiology 1989 Jul; 71(1):169
Tartow LR. 'Ravelled sleeve'? It seams JAMA hath come apart at seems [letter] JAMA 1989 Aug 4;262(5):616
Tarui S see **Komatsu R**
Tasche MJ see **Boon ME**
Tascón A see **Acedo A**
Tashima K see **Niwa K**
Tashiro C see **Choe H**
Tasman W see **Greven CM**
Tate DA see **Rowe WW**
Tatibana M see **Imaseki H**
Tatsumi N see **Kojima K**
Tatum JL see **Rehr RB**
Taub DD, Lin YS, Hu SC, Rogers TJ. Immunomodulatory activity of staphylococcal enterotoxin-B. The induction of an I-J-restricted suppressor factor. J Immunol 1989 Aug 1;143(3):813–20
Tavares NJ see **Arrivé L**
Tavares NJ see **Auffermann W**
Tavares NJ see **Karczmar GS**
Taveras JM see **Kuhn MJ**
Taviere V see **Gudinchet F**
Tawa A see **Kawa-Ha K**
Tax WJ see **van de Winkel JG**
el Tayeb M see **Burass JP**
Taylor AE see **Brinson RR**
Taylor CB see **Hayward C**
Taylor CR see **Barr N**
Taylor EW see **Morton AL**
Taylor GA, Fitz CR, Kapur S, Short BL. Cerebrovascular accidents in neonates treated with extracorporeal membrane oxygenation: sonographic-pathologic correlation. AJR Am J Roentgenol 1989 Aug;153(2):355–61
Taylor HC see **Arafah BM**
Taylor JF see **Cooper SG**
Taylor KM see **Keogh BE**
Taylor ME see **Kerrigan DD**
Taylor TL. A practice profile of native American physicians. Acad Med 1989 Jul;64(7):393–6
Taylor TV. Current indications for elective peptic ulcer surgery. Br J Surg 1989 May;76(5):427–8 (8 ref.)
Taylor-Watts KT see **Starke JR**
Taytard A see **Salmeron S**
Tazelaar HD, Baird AM, Mill M, Grimes MM, Schulman LL, Smith CR. Bronchocentric mycosis occurring in transplant recipients. Chest 1989 Jul;96(1):92–5
Tchabo JG see **Limaye NS**
Tchou P see **McKinnie J**
Tchou PJ see **Kalbfleisch KR**
Teale JD see **Massarano AA**
Teasdale N see **Stelmach GE**
Teasdale TW, Sørensen TI, Owen DR. Fall in association of height with intelligence and educational level. BMJ 1989 May 13;298(6683):1292–3
Tecklenburg FW see **Seigler RS**
Tedde A see **Floris C**
Tedder TF, Isaacs CM. Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily. J Immunol 1989 Jul 15;143(2):712–7
Tedeschi A see **Miadonna A**
Tedeschi MA see **Ryoo MC**
Tefferi A, Li CY, Phyliky RL. Correlation of clinical outcome with the degree of surface immunoglobulin (sIg) expression in B-cell chronic lymphocytic leukemia. Am J Clin Pathol 1989 Jul;92(1):82–5
Teitel DF see **Kersting-Sommerhoff BA**
Teitelbaum GP see **Watanabe AT**
Teitge RA. Fatigue fracture of a forearm plate within a long-arm cast [letter] Clin Orthop 1989 Jul;(244):310–1
Telander RL, Zimmerman D, Sizemore GW, van Heerden JA, Grant CS. Medullary carcinoma in children. Results of early detection and surgery. Arch Surg 1989 Jul; 124(7):841–3
Tellado-Rodriguez J see **Christou NV**
Tellam RL see **Willadsen P**
Tempany E see **Soden M**
Tempelhoff R, Modica PA, Rich KM, Grubb RL Jr. Use of computerized electroencephalographic monitoring during aneurysm surgery. J Neurosurg 1989 Jul;71(1):24–31
Templeton AW see **Lee KR**
Ten RM see **Barker RL**
ten Bokkel Huinink WW see **Schornagel JH**
ten Cate JW see **Avrisati G**
Tenckhoff L see **Smith MS**
Tendera M see **Barnhill JE 3d**
Tenina S see **Pless IB**
Tenney JH see **Warren JW**
Teo TC, DeMichele SJ, Selleck KM, Babayan VK, Blackburn GL, Bistrian BR. Administration of structured lipid composed of MCT and fish oil reduces net protein catabolism in enterally fed burned rats. Ann Surg 1989 Jul; 210(1):100–7
ter Borg EJ see **Kallenberg CG**
Terada M see **Yasuda H**
Terai M see **Niwa K**
Teramoto S see **Bando K**
Terano A see **Shiina S**
Terasoka H see **Bando K**
Terasawa E see **Watanabe G**
Teresi LM see **Robinson JD**
Terracall E see **Kessler KM**
Terry A see **Mayer TG**
Tersmette AC see **Offerhaus GJ**
Teruel JL see **Pascual J**
Terzian AB see **de Paola AA**
Terzoli S see **Zurlo MG**
Tessler FN see **Kimme-Smith C**
Testa S, Li Bassi S, Barbara L. Cyst of the kidney or spontaneous splenorenal shunt? Differentiation by pulsed Doppler sonography [letter] AJR Am J Roentgenol 1989 Aug;153(2):431
Testi R, Phillips JH, Lanier LL. T cell activation via Leu-23 (CD69). J Immunol 1989 Aug 15;143(4):1123–8
Têtu B see **Gagnon Y**
Thakar M see **Banerjee K**
Thaker GK, Nguyen JA, Tamminga CA. Saccadic distractibility in schizophrenic patients with tardive dyskinesia [letter] Arch Gen Psychiatry 1989 Aug; 46(8):755–6
Thakker RV, Bouloux P, Wooding C, Chotai K, Broad PM, Spurr NK, Besser GM, O'Riordan JL. Association of parathyroid tumors in multiple endocrine neoplasia type 1 with loss of alleles on chromosome 11. N Engl J Med 1989 Jul 27;321(4):218–24
Thal ER see **Howard CA**
Thalhamer J see **Pimpl W**
Thaller RM see **Demmler GJ**
Thames MD see **Mohanty PK**
Thames MD see **Smith ML**
Thandroyen F see **Shapiro W**
Thapar MK, Rao PS. Significance of infundibular obstruction following balloon valvuloplasty for valvar pulmonic stenosis. Am Heart J 1989 Jul;118(1):99–103
Thebo LM see **Lange MP**
Theissen JL see **Brüssel T**
Thenen SW see **Blocker DE**
Theodore WH see **Bromfield EB**
Thepen T see **Pals ST**
Theron J. Carotid angioplasty techniques [letter] J Neurosurg 1989 Aug;71(2):301
Theuer CP. Tuberculosis in patients with human immunodeficiency virus infection. Review of current concepts. West J Med 1989 Jun;150(6):700–4 (22 ref.)
Thibault LE see **Gennarelli TA**

Thiefin G, Taché Y, Leung FW, Guth PH. Central nervous system action of thyrotropin-releasing hormone to increase gastric mucosal blood flow in the rat. Gastroenterology 1989 Aug;97(2):405–11
Thiele DL see Patel SS
Thiemann S see Stahl SM
Thiery JP see Bauvois B
Thijssen AM, Carpenter B, Jiménez C, Schillinger J. Multilocular cyst (multilocular cystic nephroma) of the kidney: a report of 2 cases with an unusual mode of presentation. J Urol 1989 Aug;142(2):346–8
Thijssen HH, Hamulyák K. The interaction of the prostaglandin E derivative rioprostil with oral anticoagulant agents. Clin Pharmacol Ther 1989 Jul; 46(1):110–6
Thirawuth V see Innis BL
Thiru S see Caine RY
Thoft RA see Roat MI
Thomas D see Montalescot G
Thomas GM, Sturgeon JF, Alison R, Jewett M, Goldberg S, Sugar L, Rideout D, Gospodarowicz MK, Duncan W. A study of post-orchiectomy surveillance in stage I testicular seminoma. J Urol 1989 Aug;142(2):313–6
Thomas GS. Death following withdrawal of encainide [letter] N Engl J Med 1989 Aug 10;321(6):393
Thomas J see Luke RA
Thomas JE see Fealey RD
Thomas JH. Abdominal aortic aneurysmorrhaphy combined with biliary or gastrointestinal surgery. Surg Clin North Am 1989 Aug;69(4):807–15 (23 ref.)
Thomas JR, Freeman MS, Remmler DJ, Ehlert TK. Analysis of patient response to preoperative computerized video imaging. Arch Otolaryngol Head Neck Surg 1989 Jul; 115(7):793–6
Thomas JR see Remmler D
Thomas ML see Hill LM
Thomas PA see Ball AB
Thomas RL, Johnson TR, Besinger RE, Rafkin D, Treanor C, Strobino D. Preterm and term fetal cardiac and movement responses to vibratory acoustic stimulation. Am J Obstet Gynecol 1989 Jul;161(1):141–5
Thomas SA see Jones LC
Thomas WM see Holliday MP
Thomas WO see Vijayakumar HR
Thomason ME see Utley JR
Thomassen A, Nielsen TT, Bagger JP, Henningsen P. Antianginal and cardiac metabolic effects of low-dose glucose infusion during pacing in patients with and without coronary artery disease. Am Heart J 1989 Jul;118(1):25–32
Thomison JB. The last legacy, or, Sisyphus revisited [editorial] South Med J 1989 Jul;82(7):809–10
Thomison JB. Into the nineties and beyond: medicine in short supply [editorial] South Med J 1989 Jul;82(7):811–3
Thompson A see Isaac K
Thompson AJ, Kennard C, Swash M, Summers B, Yuill GM, Shepherd DI, Roche S, Perkin GD, Loizou LA, Ferner R, et al. Relative efficacy of intravenous methylprednisolone and ACTH in the treatment of acute relapse in MS. Neurology 1989 Jul;39(7):969–71
Thompson AR see Chen SH
Thompson BH see Cragg AH
Thompson C see Becton DL
Thompson D see Young C
Thompson JM see McFadden RG
Thompson JS, Saxena SK, Greaton C, Schultz G, Sharp JG. The effect of the route of delivery of urogastrone on intestinal regeneration. Surgery 1989 Jul;106(1):45–51
Thompson ME see Scheib BT
Thompson MH see McKeigue PM
Thompson NL see Lafyatis R
Thompson NW see Cheung PS
Thompson PJ see Stewart GA
Thompson R see Greenberg CR
Thompson RC see Meloni BP
Thompson RE see Reeve G
Thompson RG see Preece PM
Thompson RS see Rivara FP
Thompson SG, Greenberg G, Meade TW. Risk factors for stroke and myocardial infarction in women in the United Kingdom as assessed in general practice: a case-control study. Br Heart J 1989 May;61(5):403–9
Thomsen A see Børlum KG
Thorburn GD see Andrianakis P
Thörne J see Blomquist S
Thornington MJ. Recognizing your limitations [letter] Can Med Assoc J 1989 Jul 15;141(2):104
Thornton JC see Miller A
Thornton JG, Lilford RJ. Basic reference gambles recommended for utility assessment [letter] Am J Obstet Gynecol 1989 Jul;161(1):256–7
Thorpe P see Ginsburg R
Thorstad BL see Russell CD
Thorsteinsson G see Lorish TR
Thrall JH see Weissleder R
Thung SN see Bach N
Thurmond AS, Nelson DW, Lowensohn RI, Young WP, Davis L. Enlarged cisterna magna in trisomy 18: prenatal ultrasonographic diagnosis. Am J Obstet Gynecol 1989 Jul; 161(1):83–5
Thurston MO see Nieroda CA
Thyss A see Viens P
Tideiksaar R. Geriatric falls: assessing the cause, preventing recurrence. Geriatrics 1989 Jul;44(7):57–61, 64
Tideman H see Maxson B
Tidy JA see McIndoe GA
Tiede SM see Lange MP
Tigerstedt I see Michelsen T
Tikly M see Sutej PG
Tikofsky RS see Hellman RS
Tilders FJ see Berkenbosch F
Tilgner SA, Schiller MR. Dietary intakes of female college athletes: the need for nutrition education. J Am Diet Assoc 1989 Jul;89(7):967–9
Till W see Kennedy RW
Tilson MD see Reilly JM
Timberlake GA see Ross N
Timmis GC see Franklin BA
Timor-Tritsch IE, Yeh MN, Peisner DB, Lesser KB, Slavik TA. The use of transvaginal ultrasonography in the diagnosis of ectopic pregnancy. Am J Obstet Gynecol 1989 Jul;161(1):157–61
Timpl R see Klein R
Tinker JH see Gomez MN
Tio FO see Ahrens J
Tipperman R see Gennarelli TA
Tiwary AD see Mackersie RC
Tkach J see VanDyke C
Tobak M. Religiousness and psychiatric disorders [letter] Am J Psychiatry 1989 Aug;146(8):1088
Tobon H see Mendelson EB
Tocci MJ, Matkovich DA, Collier KA, Kwok P, Dumont F, Lin S, Degudicibus S, Siekierka JJ, Chin J, Hutchinson NI. The immunosuppressant FK506 selectively inhibits expression of early T cell activation genes. J Immunol 1989 Jul 15;143(2):718–26
Tocino I see Ghio AJ
Toda H see Harioka T
Toda N see Hatano Y
Todd JR see King JW
Todd JS, Horan JK. Physician referral—the AMA view. JAMA 1989 Jul 21;262(3):395–6
Todo S see Miyata T
Todo S see Wilson BJ
Todorov V see Christov K
Toffel PH, Aroesty DJ, Weinmann RH 4th. Secure endoscopic sinus surgery as an adjunct to functional nasal surgery. Arch Otolaryngol Head Neck Surg 1989 Jul; 115(7):822–5
Tofler GH, Stone PH, Muller JE, Braunwald E. Mortality for women after acute myocardial infarction: MILIS Study Group [letter] Am J Cardiol 1989 Jul 15;64(3):256
Toga AW see Black KL
Tohmatsu T see Nakashima S
Tokioka T see Ono K
Tokuue K see Yokoyama K
Tolaymat A see Rizkallah MF
Tolboom JJ. Milk intolerance due to lactose and giardiasis [letter] Am J Clin Nutr 1989 Jul;50(1):178–9
Toledano SR see Daghistani D
Tolentino N see Farley TA
Tolia V, Calhoun J, Kuhns L, Kauffman RE. Randomized, prospective double-blind trial of metoclopramide and placebo for gastroesophageal reflux in infants. J Pediatr 1989 Jul;115(1):141–5
Tolley DA see Parmar MK
Tomashefski JF Jr see Yazdy AM
Tomaszewski JE see Schiebler ML
Tomé FM, Askanas V, Engel WK, Alvarez RB, Lee CS. Nuclear inclusions in innervated cultured muscle fibers from patients with oculopharyngeal muscular dystrophy. Neurology 1989 Jul;39(7):926–32
Tomé MA see Ryoo MC
Tomei G see Gennarelli TA
Tomizawa T see Miyauchi T
Tomkinson BE, Maziarz R, Sullivan JL. Characterization of the T cell-mediated cellular cytotoxicity during acute infectious mononucleosis. J Immunol 1989 Jul 15; 143(2):660–70
Tomlinson K see Woodman CB
Tommasi E see Johnston WE
Tomoda K see Ohashi T
Tomoike H see Egashira S
Tompkins DS see Sobala GM
Tompkins JM see Kanter RK
Tompkins MB, Pang VF, Michaely PA, Feinmehl RI, Basgall EJ, Baszler TV, Zachary JF, Tompkins WA. Feline cytotoxic large granular lymphocytes induced by recombinant human IL-2. J Immunol 1989 Jul 15; 143(2):749–54
Tompkins WA see Tompkins MB
al-Tonbary Y see Hafez M
Tonetta SA see Caubo B
Toney TW, Danzo BJ. Estrogen and androgen regulation of protein synthesis by the immature rabbit epididymis. Endocrinology 1989 Jul;125(1):231–42
Toney TW, Danzo BJ. Androgen and estrogen effects on protein synthesis by the adult rabbit epididymis. Endocrinology 1989 Jul;125(1):243–9
Tonini G see Betterle C
Tonkin SL see Gunn TR
Toole JF see Howard G
Tooms RE see Covington JS
Topaz O, Perin E, Cox M, Mallon SM, Castellanos A, Myerburg RJ. Young adult survivors of sudden cardiac arrest: analysis of invasive evaluation of 22 subjects. Am Heart J 1989 Aug;118(2):281–7
Topol EJ see Kander NH
Topol EJ see Kereiakes DJ
Topol EJ see Muller DW
Torack R see Mirowitz S
Torbett BE see Firestein GS
Torisu T, Utsunomiya K, Masumi S, Maekawa M. Bipolar hip arthroplasty in rheumatoid arthritis. Clin Orthop 1989 Jul;(244):188–97
Tornambe PE, Poliner LS. Partial ablation of neovascular membranes involving the fovea [letter] Arch Ophthalmol 1989 Jul;107(7):955–6
Torner J see Graff-Radford NR
Torner JC see Colohan AR
Tornquist EM see Selby ML
Torok Z see Adkisson GH
Torres WE see Steinberg HV
Torrie EP see Lancashire MJ
Touboul PJ see Bonithon-Kopp C
Tower JB see Dougherty DA
Towers CV see Gocke SE
Towers RP see O'Sullivan J
Townsend KS see Firestein GS
Toyoda N see Murata T
Toyoda Y see Kubota Y
Tozzi JM see Ferenz CC
Tracey WR, Hamilton JT, Craig ID, Paterson NA. Effect of endothelial injury on the responses of isolated guinea pig pulmonary venules to reduced oxygen tension. Am Rev Respir Dis 1989 Jul;140(1):68–74
Trachtenberg J see Egerdie RB
Tracy GP see Proctor MS
Train JS see Sanborn TA
Traish A, Kim N, Wotiz HH. Characterization of polyclonal antibodies to preselected domains of the human estrogen receptor. Endocrinology 1989 Jul;125(1):172–9
Tranchesi B Jr, Bellotti G, Chamone DF, Verstraete M. Effect of combined administration of saruplase and single-chain alteplase on coronary recanalization in acute myocardial infarction. Am J Cardiol 1989 Jul 15;64(3):229–32
Tranel D see Hyman BT
Traube M see Freidin N
Travis RC, Murray PI, Moseley IF, Wright JE. Orbital intraconal haematic cysts in young people: computed tomography and magnetic resonance imaging. Br J Radiol 1989 Jun;62(738):521–5
Travis W see Masur H
Travis WD see Doppman JL
Travis WD see Perry RR
Traystman R see Schleien CL
Treanor C see Thomas RL
Treasure T see Millner R
Treat RC see Sherman JC
Trebucq A, Munan L, Louis JP. HIV-1 infection in males and females in Central Africa [letter] Lancet 1989 Jul 22; 2(8656):225–6
Treder RP see Newell-Morris LL
Trentin L, Pizzolo G, Feruglio C, Zambello R, Masciarelli M, Bulian P, Agostini C, Vinante F, Zanotti R, Semenzato G. Functional analysis of cytotoxic cells in patients with acute nonlymphoblastic leukemia in complete remission. Cancer 1989 Aug 1;64(3):667–72
Trento A see Murali S
Tresch DD see Burdick S
Treston AM see Mulshine JL
Trichopoulos D, Katsouyanni K. Oral contraceptives, tobacco smoking, and breast cancer risk [letter] Lancet 1989 Jul 15;2(8655):158
Trier JS. Federal support for digestive diseases research [editorial] Gastroenterology 1989 Aug;97(2):504–5
Trigaux JP see van Beers B
Trinh AC see Vuong PN
Triplett WW, Lund BA, Westbrook PR, Olsen KD. Obstructive sleep apnea syndrome in patients with class II malocclusion. Mayo Clin Proc 1989 Jun;64(6):644–52 (30 ref.)
Trippel DL, Gillette PC. Atenolol in children with supraventricular tachycardia. Am J Cardiol 1989 Jul 15; 64(3):233–6
Trivin F see Labrune P
Trocme SD, Kephart GM, Allansmith MR, Bourne WM, Gleich GJ. Conjunctival deposition of eosinophil granule major basic protein in vernal keratoconjunctivitis and contact lens-associated giant papillary conjunctivitis. Am J Ophthalmol 1989 Jul 15;108(1):57–63
Trohman RG see Kessler KM
Trojanowska M see Leroy EC
Trooskin S see Kim HC
Troup PJ see Chapman PD
Trudinger B see Fulcher D
True LD see Podesta AH
Trujillo JM see Crane MM
Truog RD, Fletcher JC. Anencephalic newborns. Can organs be transplanted before brain death? N Engl J Med 1989 Aug 10;321(6):388–91
Truong LD, Mawad J, Cagle P, Mattioli C. Cytoplasmic crystals in multiple myeloma-associated Fanconi's syndrome. A morphological study including immunoelectron microscopy. Arch Pathol Lab Med 1989 Jul;113(7):781–5
Trykker H see Hansen PV

Tsai MY, Johnson DD, Sweetman L, Berry SA. Two siblings with biotin-resistant 3-methylcrotonyl-coenzyme A carboxylase deficiency. J Pediatr 1989 Jul;115(1):110-3
Tsapatsaris NP, Breslin DJ. Physiology of the adrenal medulla. Urol Clin North Am 1989 Aug;16(3):439-45 (30 ref.)
Tsapatsaris NP see **Malone MJ**
Tseng RY see **Newman CF**
Tseng YC, Sellitti DF, Ahmann AJ, Burman KD, D'Avis JC, Wartofsky L. Thyrotropin modulates receptors for atrial natriuretic peptide on intact human thyroid cells. Am J Med Sci 1989 Jul;298(1):15-9
Tsoi D see **Litvack F**
Tsubota H, Ringler DJ, Kanagi M, King NW, Solomon KR, MacKey JJ, Walsh DG, Letvin NL. CD8+CD4- lymphocyte lines can harbor the AIDS virus in vitro. J Immunol 1989 Aug 1;143(3):858-63
Tsubota K. The effect of wearing spectacles on the humidity of the eye. Am J Ophthalmol 1989 Jul 15;108(1):92-3
Tsuchida K see **Anzai N**
Tsuda I see **Kojima K**
Tsuda T see **Takaoka K**
Tsuiki K see **Kubota I**
Tsushima H see **Yoshida E**
Tu EJ, Liang J, Li SM. Mortality decline and Chinese family structure: implications for old age support. J Gerontol 1989 Jul;44(4):S157-68
Tu S see **Deftos LJ**
Tubau J see **Leung JM**
Tubau JF, Szlachcic J, Hollenberg M, Massie BM. Usefulness of thallium-201 scintigraphy in predicting the development of angina pectoris in hypertensive patients with left ventricular hypertrophy. Am J Cardiol 1989 Jul 1; 64(1):45-9
Tubiana M. Radiotherapy in non-small cell lung cancer. An overview. Chest 1989 Jul;96(1 Suppl):85S-87S (0 ref.)
Tucker LA. Use of smokeless tobacco, cigarette smoking, and hypercholesterolemia. Am J Public Health 1989 Aug; 79(8):1048-50
Tucker PW see **Hedley ML**
Tuckwell V see **Davies B**
Tudor-Williams G, Frankland J, Isaacs D, Mayon-White RT, MacFarlane JA, Rees DG, Moxon ER. Haemophilus influenzae type b conjugate vaccine trial in Oxford: implications for the United Kingdom. Arch Dis Child 1989 Apr;64(4):520-4
Tudor-Williams G, Frankland J, Isaacs D, Mayon-White RT, MacFarlane JA, Slack MP, Anderson E, Rees DG, Moxon ER. Haemophilus influenzae type b disease in the Oxford region. Arch Dis Child 1989 Apr;64(4):517-9
Tuijnman WB see **van de Winkel JG**
Tula JC see **Luks FI**
Tulassay Z, Farkas IE. Endoscopic treatment of acute biliary pancreatitis [letter] Br J Surg 1989 May;76(5):525
Tullner WF see **Liebert HP**
Tullock WC see **Wilks DH**
Tuma DJ see **Smith SL**
Tuman KJ, Spiess BD, McCarthy RJ, Ivankovich AD. Comparison of viscoelastic measures of coagulation after cardiopulmonary bypass. Anesth Analg 1989 Jul; 69(1):935-41
Tumolo A see **Ganz T**
Tune LE see **Pearlson GD**
Tung SY see **Sham JS**
Tunick PA, Slater J, Pasternack P, Kronzon I. Coronary artery aneurysms: a transesophageal echocardiographic study. Am Heart J 1989 Jul;118(1):176-9
Tuomilehto J see **Marti B**
Turco P see **Santinelli V**
Turetzky T see **Hamburger J**
Turi ZG see **Stone PH**
Turitto G see **Caref EB**
Turitto G see **el-Sherif N**
Türk C see **Marberger M**
Turnbull DM see **Bindoff LA**
Turner BS see **Wiswell TE**
Turner DR see **Waldock A**
Turner ID see **Logan RF**
Turner MI, Boylan PC, Rasmussen M, Stronge JM. The clinical significance of pain and cognitive activity in latent labor [letter] Obstet Gynecol 1989 Aug;74(2):285-6
Turner N see **Waller DA**
Turner NA see **Susiavich FJ**
Turner RV see **Mattson DH**
Turner SM see **Amodeo C**
Turner TT see **Pryor JL**
Turner-Henson A see **Holaday B**
Turner-Warwick RT see **James S**
Turno R see **Floris C**
Turpie AG. Prevention of left ventricular mural thrombus. Am J Cardiol 1989 Jul 18;64(4):41B-43B
Tursz T see **Benaimon C**
Tuxen DV. Detrimental effects of positive end-expiratory pressure during controlled mechanical ventilation of patients with severe airflow obstruction. Am Rev Respir Dis 1989 Jul;140(1):5-9
Tvedt KE, Kopstad G, Halgunset J, Haugen OA. Rapid freezing of small biopsies and standard for cryosectioning and X-ray microanalysis. Am J Clin Pathol 1989 Jul; 92(1):51-6
Tweed J see **Parameshwar J**
Twomey CK see **Jack CR Jr**
Tyberg JV see **Belenkie I**
Tyberg JV see **Robinson VJ**
Tyler C see **Mattingly D**
Tyler DC see **Krane EJ**
Tyler JM see **Stachura ME**
Tyneway D see **Rarey KE**
Tyor MP see **Brazer SR**
Tyrrell D, Barrow I, Arthur J. Local hyperthermia benefits natural and experimental common colds. BMJ 1989 May 13;298(6683):1280-3
Tytgat GN see **Offerhaus GJ**
Tzakis A see **Miyata T**
Tzakis A see **Wilson BJ**
Tzelepis GE, McCool FD, Hoppin FG Jr. Chest wall distortion in patients with flail chest. Am Rev Respir Dis 1989 Jul;140(1):31-7
Tzivoni D, Gottlieb S, Khoury Z, Benhorin J, Keren A, Schuger C, Stern S. Residual left ventricular function and prognosis of patients with asymmetric septal hypertrophy recovering from acute myocardial infarction. Am Heart J 1989 Jul;118(1):121-7

U

U HS, Kelley PY, Hatton JD, Shew JY. Proto-oncogene abnormalities and their relationship to tumorigenicity in some human glioblastomas. J Neurosurg 1989 Jul; 71(1):83-90
Uchino H see **Mori Y**
Uchiyama M, Ogawa I. Rectal nifedipine in acute severe hypertension in young children [letter] Arch Dis Child 1989 Apr;64(4):632-3
Udagawa N see **Akatsu T**
Udekwu AO see **Peitzman AB**
Ueda E, Kinoshita T, Nojima J, Inoue K, Kitani T. Different membrane anchors of Fc gamma RIII (CD16) on K/NK-lymphocytes and neutrophils. Protein- vs lipid-anchor. J Immunol 1989 Aug 15;143(4):1274-7
Uehara M, Sawai T. Familial background of respiratory atopy. A factor of type I allergy to house dust mite in patients with atopic dermatitis. Arch Dermatol 1989 Jul; 125(7):939-43
Uff JS see **McNulty CA**
Uhlmann RF, Pearlman RA, Cain KC. Understanding of elderly patients' resuscitation preferences by physicians and nurses. West J Med 1989 Jun;150(6):705-7
Uitto J see **Jaakkola S**
Ullman DA, Schmitt L. Tracheostomy performed under cervical epidural blockade. Anesthesiology 1989 Jul; 71(1):161-2
Umpierrez G see **Gebhart SS**
Unabia G see **Childs GV**
Unanue ER see **Lambert LE**
Underhill G see **Mok Q**
Underwood DA see **Robalino BD**
Underwood RS see **Bogren HG**
Ungerleider RM, Kisslo JA, Greeley WJ, Van Trigt P, Sabiston DC Jr. Intraoperative prebypass and postbypass epicardial color flow imaging in the repair of atrioventricular septal defects. J Thorac Cardiovasc Surg 1989 Jul;98(1):90-9; discussion 99-100
Unni KK see **Keeney GL**
Unterman TG see **Malik RL**
Urban P see **Meier B**
Urbano-Márquez A see **Cardellach F**
Urbanski A see **Luger TA**
Uren NG, Ludman P, Newman C, Crake T, Cleland JG. Cardiac catheterization as an outpatient procedure [letter] BMJ 1989 May 13;298(6683):1310
Uretsky BF see **Murali S**
Uribarri J see **Oh MS**
Ursell SN see **el-Sherif N**
Ursprung JJ see **Bone RC**
Utley JR, Thomason ME, Wallace DJ, Mutch DW, Staton L, Brown V, Wilde CM, Bell MS. Preoperative correlates of impaired wound healing after saphenous vein excision. J Thorac Cardiovasc Surg 1989 Jul;98(1):147-9
Utsunomiya J see **Kusunoki M**
Utsunomiya K see **Torisu T**

V

Vacek JL see **Hawkins JW**
Vacek P see **Bronson DL**
Vågerö D, Lundberg O. Health inequalities in Britain and Sweden. Lancet 1989 Jul 1;2(8653):35-6
Vaidya S see **Wirt DP**
Vailas AC see **Loitz BJ**
Vaillancourt R see **Baillot R**
Vaira D see **Dowsett JF**
Vaisman N, Schattner A, Hahn T. Tumor necrosis factor production during starvation. Am J Med 1989 Jul;87(1):115
Valcamonico A see **Benigni A**
Valdes-Cruz LM see **Moises VA**
Valdimarsson H see **Steinsson K**
Vale W see **Rivier C**
Vale WW see **Abeyawardene SA**
Valente M see **Melato M**
Valentin H see **Huet S**
Valentine MD see **Golden DB**
Valenzuela JE see **Rezende-Filho J**
Välimäki IA see **Hirvonen HE**
Valin H see **Kappenberger L**
Vallat JM see **Hugon J**
Vallbracht C, Liermann DD, Prignitz I, Beinborn W, Roth FJ, Kollath J, Landgraf H, Kaltenbach M. Low-speed rotational angioplasty in chronic peripheral artery occlusions: experience in 83 patients. Work in progress. Radiology 1989 Aug;172(2):327-30
Valle BK, Lemberg L. Syncope in the elderly. Heart Lung 1989 Jul;18(4):426-9
Valle DR see **Gundersen LA**
Valle F see **Savarino V**
Valore EV see **Ganz T**
Valway SE, Martyny JW, Miller JR, Cook M, Mangione EJ. Lead absorption in indoor firing range users. Am J Public Health 1989 Aug;79(8):1029-32
Van Aken H see **Brüssel T**
van Beers B, Trigaux JP, Weynants P, Collard JM, Melange M. Foregut cyst of the mediastinum: fluid re-accumulation after transbronchial needle aspiration. Br J Radiol 1989 Jun; 62(738):558-60
Van Caekenberghe D. Crohn's disease, sulfasalazine, and mycobacteria. J Lab Clin Med 1989 Jul;114(1):63-5
Vancaillie TG, Hill RH Jr, Riehl RM, Gilstad D, Schenken RS. Laser-induced fluorescence of ectopic endometrium in rabbits. Obstet Gynecol 1989 Aug;74(2):225-30
Vandam LD see **Saidman LJ**
van de Putte LB see **Jeurissen ME**
van de Putte LB see **Schalkwijk J**
van de Putte LB see **van den Hoogen FH**
van de Stadt J see **Offerhaus GJ**
van de Winkel JG, van Ommen R, Huizinga TW, de Raad MA, Tuijnman WB, Groenen PJ, Capel PJ, Koene RA, Tax WJ. Proteolysis induces increased binding affinity of the monocyte type II FcR for human IgG. J Immunol 1989 Jul 15;143(2):571-8
van Deijk WA see **Schornagel JH**
van den Berg WB see **Schalkwijk J**
van den Brand M see **de Feyter PJ**
van den Broek TA see **Bakker FC**
Van den Broeke C see **Fagard R**
van den Heever CM, van der Merwe DJ. Management of depressed skull fractures. Selective conservative management of nonmissile injuries. J Neurosurg 1989 Aug; 71(2):186-90
van den Hoogen FH, Boerbooms AM, van de Putte LB. Methotrexate treatment in scleroderma. Am J Med 1989 Jul;87(1):116-7
van den Oord JJ see **Facchetti F**
van der Auwera P see **Matsumoto T**
van der Kraaij AM, van Eijk HG, Koster JF. Prevention of postischemic cardiac injury by the orally active iron chelator 1,2-dimethyl-3-hydroxy-4-pyridone (L1) and the antioxidant (+)-cyanidanol-3. Circulation 1989 Jul; 80(1):158-64
van der Linde MR, Crijns HJ, Lie KI. Transient complete AV block in Lyme disease. Electrophysiologic observations. Chest 1989 Jul;96(1):219-21
van der Linden S see **Blaauw AA**
van der Linden S see **Schlapbach P**
van der Merwe DJ see **van den Heever CM**
Van der Spek AF, Reynolds PI, Ashton-Miller JA, Stohler CS, Schork MA. Differing effect of agonist and antagonist muscle relaxants on cat jaw muscles. Anesth Analg 1989 Jul;69(1):942-6
van der Starre PJ, Feld RJ, Reneman RS. Ketanserin in the treatment of pulmonary hypertension after valvular surgery: a comparison with sodium nitroprusside. Crit Care Med 1989 Jul;17(7):613-8
van der Tol ME see **Van Strijp JA**
van der Werf SD see **Puylaert JB**
van der Zee J see **Jansen RF**
VanderMolen LA, Smith JW 2d, Longo DL, Steis RG, Kremers P, Szmol M. Adrenal insufficiency and interleukin-2 therapy [letter] Ann Intern Med 1989 Jul 15; 111(2):185
Vanderschueren-Lodeweyckx M see **de Zegher F**
Vandervoort MK see **Noseworthy JH**
Vanderwee MA see **Sims FH**
Vandijk J see **Kramer MR**
van Dongen JA, Fentiman IS, Harris JR, Holland R, Peterse JL, Salvadori B, Stewart HJ. In-situ breast cancer: the EORTC consensus meeting. Lancet 1989 Jul 1;2(8653):25-7 (8 ref.)
Van Dop C see **Kessler PD**
Vandormael MG see **Deligonul U**
van Dusen P see **Blair A**
VanDyke C, Ross JS, Tkach J, Masaryk TJ, Modic MT. Gradient-echo MR imaging of the cervical spine: evaluation of extradural disease. AJR Am J Roentgenol 1989 Aug;153(2):393-8
Vane DW see **Rescorla FJ**
van Eijk HG see **van der Kraaij AM**
Van Fossen D see **Pellegrino MJ**
van Geel AN see **Klaase JM**
van Geel BN see **Jansen RF**
van Gennip AH see **Wanders RJ**
VanGilder JC see **Dyste GN**
VanGilder JC see **Shapiro WR**
Vanhaesebroeck B, Grooten J, Fiers W. An ongoing in vivo immune response affects the abundancy and differentiation

of lymphokine-activated killer cell precursors, but does not influence their broad spectrum target reactivity. J Immunol 1989 Aug 15;143(4):1396–402
van Heerden JA see **Johnson CH**
van Heerden JA see **Telander RL**
Van Hoesen GW see **Demeter S**
van Houten P see **Löwik MR**
Vanhoutte PM, Shimokawa H. Endothelium-derived relaxing factor and coronary vasospasm. Circulation 1989 Jul; 80(1):1–9 (94 ref.)
Vanhove P see **Balsano F**
Van Kessel KP see **Van Strijp JA**
van Lanschot JJ see **Vermeij CG**
van Leeuwen MS see **Scholten FG**
Vannerson LA see **Foster DL**
Vannerson LA see **Landefeld TD**
Vanneuville G see **Dalens B**
Vannier MW see **Pilgram TK**
van Ommen R see **van de Winkel JG**
Van Petten C see **Gazzaniga MS**
Van Pham JD see **Herman RJ**
van Praag H see **Apter A**
Van Rosendaal GM. Inflammatory bowel disease. Can Med Assoc J 1989 Jul 15;141(2):113–23; discussion 123–4 (220 ref.)
van Royen E see **van Vlies B**
Van Ruiswyk J, Cunningham C, Cerletty J. Obstructive manifestations of thyroid lymphoma. Arch Intern Med 1989 Jul;149(7):1575–7
vanSonnenberg E see **Varney RR**
van Sprang FJ see **Wanders RJ**
Van Stiegmann G, Pearlman NW, Goff JS, Sun JH, Norton LW. Endoscopic cholangiography and stone removal prior to cholecystectomy. A more cost-effective approach than operative duct exploration? Arch Surg 1989 Jul; 124(7):787–9; discussion 789–90
Van Strijp JA, Van Kessel KP, van der Tol ME, Verhoef J. Complement-mediated phagocytosis of herpes simplex virus by granulocytes. Binding or ingestion. J Clin Invest 1989 Jul;84(1):107–12
Van Tassel P, Lee YY, Jing BS, De Pena CA. Mucoceles of the paranasal sinuses: MR imaging with CT correlation. AJR Am J Roentgenol 1989 Aug;153(2):407–12
Van Thiel DH see **Burnett D**
Van Thiel DH see **Ertan A**
Van Thiel DH see **Schade RR**
Van Trigt P see **Ungerleider RM**
Van Vlasselaer P see **Strober S**
van Vlies B, Baas J, Visser CA, van Royen E, Delemarre BJ, Bot H, Dunning AJ. Predictive value of indium-111 antimyosin uptake for improvement of left ventricular wall motion after thrombolysis in acute myocardial infarction. Am J Cardiol 1989 Jul 15;64(3):167–71
Van Vooren JP, Farber CM, Yernault JC. Detecting antimycobacterial antibodies [letter] Chest 1989 Jul; 96(1):223–4
van Vreeswijk H see **Streisand JB**
Varani J see **Soong HK**
Vargas J see **Hassall E**
Vargas M see **Cave DR**
Varma DR see **Chemtob S**
Varma JR, Burton K. The case of the missing polyp. The primary care physician's dilemma. J Fam Pract 1989 Jul; 29(1):81–2
Varner DR Jr, Wolfe MW, Patrissi GA. Colon polyps in asymptomatic persons [letter] Ann Intern Med 1989 Jul 15;111(2):187
Varner LM see **Howat PM**
Varner WT see **Gonzalez EB**
Varney RR, Goel R, vanSonnenberg E, Lucas WE, Casola G. Delayed erosion of intraperitoneal chemotherapy catheters into the bowel. Report of two cases. Cancer 1989 Aug 1;64(3):762–4
Varni JW, Rubenfeld LA, Talbot D, Setoguchi Y. Family functioning, temperament, and psychologic adaptation in children with congenital or acquired limb deficiencies. Pediatrics 1989 Aug;84(2):323–30
Vartiainen E see **Marti B**
Vary TC, Siegel JH, Tall B, Morris JG. Role of anaerobic bacteria in intra-abdominal septic abscesses in mediating septic control of skeletal muscle glucose oxidation and lactic acidemia. J Trauma 1989 Jul;29(7):1003–13; discussion 1013–4
Vassallo P see **Wernecke K**
Vasseur PB, Foley P, Stevenson S, Heitter D. Mode of inheritance of Perthes' disease in Manchester terriers. Clin Orthop 1989 Jul;(244):281–92
Vassy L see **Burnett D**
(Vauquelin NL), Kyle RA, Shampo MA. Nicolas-Louis Vauquelin—discoverer of chromium. Mayo Clin Proc 1989 Jun;64(6):643
Vayssairat M see **Olivier C**
Veal CF see **Jackson RM**
Vedig AE see **Bersten AD**
Veenhof KH see **Schornagel JH**
Vejar M see **Pupita G**
Velasquez MT see **Ames RP**
Velio P see **Ranzi T**
Venable DD. Modification of the anterior perineal transanorectal approach for complicated prostatic urethrorectal fistula repair. J Urol 1989 Aug;142(2):381–4
Venditti FJ see **Kuchar DL**
Veneri RJ, Gordon SC. Cervical columnar epithelium and tylosis [letter] Lancet 1989 Jul 8;2(8654):105
Venkataraman S see **Fuhrman BP**
Venkataramanan R see **Caritis SN**
Venkatasubramanian PN see **Bárány M**
Venkatesh S, Hickey RC, Sellin RV, Fernandez JF, Samaan NA. Adrenal cortical carcinoma. Cancer 1989 Aug 1; 64(3):765–9
Vento S, Di Perri G, Garofano T, Concia E, Bassetti D. Reactivation of hepatitis B in AIDS [letter] Lancet 1989 Jul 8;2(8654):108–9
Venturoli S see **Porcu E**
Verani P see **Ciufolini MG**
Verba J see **Hoit BD**
Verbin RS see **Guggenheimer J**
Verdant A see **Baillot R**
Vergara M see **Serón-Ferré M**
Verhagen-Derks WA see **Kirkels WJ**
Verheist R see **Dion R**
Verhoef J see **Van Strijp JA**
Verity K see **Fuller PJ**
Verland S, Simonsen M, Gammeltoft S, Allen H, Flavell RA, Olsson L. Specific molecular interaction between the insulin receptor and a D product of MHC class I. J Immunol 1989 Aug 1;143(3):945–51
Vermeij CG, Feenstra BW, van Lanschot JJ, Bruining HA. Day-to-day variability of energy expenditure in critically ill surgical patients. Crit Care Med 1989 Jul;17(7):623–6
Vermeijden RJ see **Puylaert JB**
Vermilion RP, Beekman RH, Crowley DC, Rosenthal A. Transient atrioventricular block resulting from left ventricular angiography in infants with ventricular septal defect. Am J Cardiol 1989 Jul 1;64(1):128–30
Vermund SH see **Melzer SM**
Vernant P see **Castaigne AD**
Vernick KD, Collins FH, Gwadz RW. A general system of resistance to malaria infection in Anopheles gambiae controlled by two main genetic loci. Am J Trop Med Hyg 1989 Jun;40(6):585–92
Vernick KD, Collins FH. Association of a Plasmodium-refractory phenotype with an esterase locus in Anopheles gambiae. Am J Trop Med Hyg 1989 Jun; 40(6):593–7
Vernon-Roberts B see **Koszyca B**
Verreault R see **Pless IB**
Verrier ED, Crombleholme TM, Sauer L, Longaker M, Langer JC, Flake AW, Dae M, Brem H, Harrison MR. Neonatal model of heterotopic heart transplantation in pigs. J Thorac Cardiovasc Surg 1989 Jul;98(1):127–35; discussion 135–6
Verstraete M see **Tranchesi B Jr**
Verweij J see **Schornagel JH**
Vestal RE see **Montamat SC**
Vestergaard H, Laurberg P. Radioiodine and aggravation of Graves' ophthalmopathy [letter] Lancet 1989 Jul 1; 2(8653):47
Vestrup JA, Reid JD. A profile of urban adult pedestrian trauma. J Trauma 1989 Jun;29(6):741–5
Vetter JW see **Chapman PD**
Vezina JL, Fontaine S, Laperriere J. Outpatient myelography with fine-needle technique: an appraisal. AJR Am J Roentgenol 1989 Aug;153(2):383–5
Via CS see **Morse HC 3d**
Viars P see **Riou B**
Vicaut E see **Montalescot G**
Vicens JM see **Buades J**
Vick GW 3d see **Johnston DL**
Viegas SF, Gogan W, Riley S. Floating dislocated elbow: case report and review of the literature. J Trauma 1989 Jun;29(6):886–8 (13 ref.)
Viens P, Thyss A, Garnier G, Ayela P, Lagrange M, Schneider M. GM-CSF treatment and hypokalemia [letter] Ann Intern Med 1989 Aug 1;111(3):263
Vierling JM see **Howell CD**
Vieux EE see **Duncan AO**
Vigfusson G see **Brüssel T**
Vighi G, Schroeder J, Gallo C, Ortolani C. 'Enterotest' and Strongyloides stercoralis [letter] Lancet 1989 Jul 15; 2(8655):156–7
Vignal J see **Perrin-Fayolle M**
Viinamäki O see **Kallio A**
Viinikka L see **Roine RO**
Vijayakumar HR, Thomas WO, Ferrara JJ. Peri-operative management of severe thyrotoxicosis with esmolol. Anaesthesia 1989 May;44(5):406–8
Vilaseca J see **Cid MC**
Villalobos R see **Morales LM**
Villalta J see **Cid MC**
Villanueva-Meyer J see **Pascual JA**
Villar MA see **Sibai BM**
Villforth JC. The Food and Drug Administration is requesting manufacturers of cosmetic extended-wear soft contact lenses to indicate a recommended wearing time in the product labeling [news] Arch Ophthalmol 1989 Jul; 107(7):969
Vinante F see **Trentin L**
Vinayak Kamath M see **Gaines JJ**
Vincent J see **Hellgren L**
Vincente C see **Porto G**
Vincken WG, Darnay CM, Cosio MG. Reversibility of upper airway obstruction after levodopa therapy in Parkinson's disease. Chest 1989 Jul;96(1):210–2
Vindenes H see **Bjerknes R**
Vinik AI see **Rosenberg L**
Vinitski S see **Mitchell DG**
Vinten-Johansen J see **Johnston WE**
Violi F see **Balsano F**
Visalakshi P see **Murthy GV**
Visscher DW, Talerman A, Rivera LR, Mazur MT. Adenocarcinoma of the rete testis with a spindle cell component. A possible metaplastic carcinoma. Cancer 1989 Aug 1;64(3):770–5
Visser CA see **van Vlies B**
Visser TJ see **Rutgers M**
Vitacchiano G see **D'Addato M**
Vitagliano D see **Sage JI**
Vitaliano P see **Roy-Byrne PP**
Vitkovic M see **Sarajlic M**
Vladutiu AO see **Pudlak KA**
Vlavianos P, Gimson AE, Westaby D, Williams R. Balloon tamponade in variceal bleeding: use and misuse. BMJ 1989 Apr 29;298(6681):1158
Vlietstra RE see **Bell MR**
Vlietstra RE see **Mills TJ**
Voelkel NF. Mechanisms of hypoxic pulmonary vasoconstriction. Am Rev Respir Dis 1986 Jun; 133(6):1186–95
Voelker W see **Dittmann H**
Vogel FS see **Farmer TW**
Vogelsang H, Ferenci P, Woloszczuk W, Resch H, Herold C, Frotz S, Gangl A. Bone disease in vitamin D-deficient patients with Crohn's disease. Dig Dis Sci 1989 Jul; 34(7):1094–9
Vogelzang RL see **Werbel GB**
Vogler JB see **Nokes SR**
Vokes EE, Bitran JD, Hoffman PC, Ferguson MK, Weichselbaum RR, Golomb HM. Neoadjuvant vindesine, etoposide, and cisplatin for locally advanced non-small cell lung cancer. Final report of a phase 2 study. Chest 1989 Jul;96(1):110–3
Volavka J see **Krakowski MI**
Volpe JJ. Edward B. Neuhauser lecture. Current concepts of brain injury in the premature infant. AJR Am J Roentgenol 1989 Aug;153(2):243–51
Volpe JJ see **Perlman JM**
von Bassewitz DB see **Wernecke K**
Vonk RJ see **Bijleveld CM**
Von Koch L see **Proctor MS**
Von Meyenfeldt M see **Gouma DJ**
von Wussow P, Jakschies D, Hochkeppel H, Horisberger M, Hartung K, Deicher H. MX homologous protein in mononuclear cells from patients with systemic lupus erythematosus. Arthritis Rheum 1989 Jul;32(7):914–8
Vora A see **Futran J**
Vorst EC see **Stone KS**
Voto LS, Margulies M. Frequency and timing of intravascular intrauterine transfusions reconsidered [letter] Am J Obstet Gynecol 1989 Jul;161(1):255–6
Vowels M see **Marshall G**
Voy RO. Amateur boxing [letter] JAMA 1989 Jul 28; 262(4):499–500
Vrabec DP see **Macaluso RA**
Vrabec T, Arbizo V, Adamus G, McDowell JH, Hargrave PA, Donoso LA. Rod cell-specific antigens in retinoblastoma. Arch Ophthalmol 1989 Jul;107(7):1061–3
Vučkovic I see **Sarajlic M**
Vuong PN, Trinh AC, Lagneau P, Camilleri JP. Coarctation of the abdominal aorta and stenosis of the left renal artery with hypertension caused by fibrodysplasia. Arch Pathol Lab Med 1989 Jul;113(7):809–11
Vuorinen PI, Soppi ET, Laine ST, Mörsky PJ. Evaluation of the new Behring Nephelometer in the measurement of M proteins. Am J Clin Pathol 1989 Jul;92(1):93–6
Vyas S, Nicolaides KH, Campbell S. Renal artery flow-velocity waveforms in normal and hypoxemic fetuses. Am J Obstet Gynecol 1989 Jul;161(1):168–72

W

Wabitsch M see **Hauner H**
Wachi A see **Muizelaar JP**
Wacholtz MC see **Patel SS**
Wachtfogel YT see **Gustafson EJ**
Wackers FJ see **LaVeau PJ**
Wada CY see **McCartney CF**
Wadt J see **Mogensen K**
Wagner CH see **Krieg AF**
Wagner ED, Ramzy I, Greenberg SD, Gonzalez JM. Transbronchial fine-needle aspiration. Reliability and limitations. Am J Clin Pathol 1989 Jul;92(1):36–41
Wagner HN Jr. Peace through mind/brain science. JAMA 1989 Aug 4;262(5):625–6
Wagner J. From the Congressional Office of Technology Assessment. JAMA 1989 Jul 28;262(4):454
Wagner JL see **Biesecker G**
Wagner S see **Saeed M**
Wahlqvist L see **Andersström C**
Wailoo MP, Petersen SA, Whittaker H, Goodenough P. Sleeping body temperatures in 3–4 month old infants. Arch Dis Child 1989 Apr;64(4):596–9
Wailoo MP, Petersen SA, Whittaker H, Goodenough P. The thermal environment in which 3–4 month old infants sleep at home. Arch Dis Child 1989 Apr;64(4):600–4
Wais U see **Hasenfuss G**

Waitz JA see **Pallard X**
Wakasugi H see **Bensimon C**
Wakasugi N see **Bensimon C**
Wakefield D see **Lloyd A**
Wakeford RE, Stepney R. Obstacles to organ donation. Br J Surg 1989 May;76(5):436–9
Waku M see **Iizumi T**
Wald ER, Byers C, Guerra N, Casselbrant M, Beste D. Subacute sinusitis in children. J Pediatr 1989 Jul; 115(1):28–32
Waldmann TA see **Wirt DP**
Waldock A, Ellis IO, Armitage N, Turner DR, Hardcastle JD, Embleton J. Differential expression of the Lewis Y antigen defined by monoclonal antibody C14/1/46/10 in colonic polyps. Cancer 1989 Jul 15;64(2):414–21
Waldrep K see **Nasr S**
Walek JW, Masson RG, Siddiqui M. Pulmonary hemorrhage in a cocaine abuser [letter] Chest 1989 Jul;96(1):222
Walker A, Hounsell AR. X-ray protection considerations for mammography screening centres. Br J Radiol 1989 Jun; 62(738):554–7
Walker B see **Hu H**
Walker CH. Neonatology—then and now. Assisted ventilation in the newborn (1964). Arch Dis Child 1989 Apr;64(4):629
Walker D see **Asthana S**
Walker DW see **Andrianakis P**
Walker JM. Integrating information systems with HL7. Hospitals 1989 Jul 5;63(13):FB60, FB62
Walker JS. The controversy over radiation safety. A historical overview. JAMA 1989 Aug 4;262(5):664–8 (35 ref.)
Walker O see **Sowunmi A**
Walker PB see **Horton JW**
Walker RD see **Styrt B**
Walker RM see **Lantos JD**
Walker TG see **Durham JD**
Walker-Smith J see **Evans M**
Wall C 3d see **Furman JM**
Wallace C see **Krozowski ZS**
Wallace DJ see **Utley JR**
Wallace S see **Lorigan JG**
Wallace S see **O'Keeffe F**
Wallach MA see **Drake RE**
Wallberg-Henriksson H see **Boström M**
Wallemark CB see **Lurain JR**
Wallenfang T see **Jantzen JP**
Waller DA, Turner N. Re-expansion pulmonary oedema [letter] Anaesthesia 1989 May;44(5):446–7
Walling AD see **Loney PD**
Wallingford KM see **Sinks T**
Wallis RS, Aide SL, Havlir DV, Amir-Tahmasseb MH, Daniel TM, Ellner JJ. Identification of antigens of Mycobacterium tuberculosis using human monoclonal antibodies. J Clin Invest 1989 Jul;84(1):214–9
Wallwork J see **Higenbottam T**
Wallwork J see **Millet B**
Walsh DG see **Tsubota H**
Walsh M see **Ellenbogen KA**
Walsh NE see **Dumitru D**
Walsh-Burke K see **Peteet JR**
Walshe JM. Wilson's disease patients can be decoppered [letter] Lancet 1989 Jul 22;2(8656):228
Walshe K see **Cummins D**
Walson PD, Galletta G, Braden NJ, Alexander L. Ibuprofen, acetaminophen, and placebo treatment of febrile children. Clin Pharmacol Ther 1989 Jul;46(1):9–17
Walter H see **Seeger W**
Walter T, De Andraca I, Chadud P, Perales CG. Iron deficiency anemia: adverse effects on infant psychomotor development. Pediatrics 1989 Jul;84(1):7–17
Walters BC see **Kondziolka D**
Walters JA see **Sung SS**
Walters JW see **Nicolson SC**
Walther PJ see **Webb KS**
Waltman AC see **Durham JD**
Waltman AC see **Simon M**
Walton DS see **Howard MA**
Walton LA see **Moore DH**
Walton SM see **Prentice A**
Wanders RJ, Duran M, Ijlst L, de Jager JP, van Gennip AH, Jakobs C, Dorland L, van Sprang FJ. Sudden infant death and long-chain 3-hydroxyacyl-CoA dehydrogenase [letter] Lancet 1989 Jul 1;2(8653):52–3
Wands JR see **Berkowitz R**
Wang H see **Fink MP**
Wang M, Friedman H, Djeu JY. Enhancement of human monocyte function against Candida albicans by the colony-stimulating factors (CSF): IL-3, granulocyte-macrophage-CSF, and macrophage-CSF. J Immunol 1989 Jul 15;143(2):671–7
Wang OL see **Henderson FW**
Wang PH, Moller D, Flier JS, Nayak RC, Smith RJ. Coordinate regulation of glucose transporter function, number, and gene expression by insulin and sulfonylureas in L6 rat skeletal muscle cells. J Clin Invest 1989 Jul; 84(1):62–7
Wang TY see **Hescock H Jr**
Wang W see **Brinton LA**
Wang WT see **Gibeault JD**
Wanidworanun C, Barnwell JW, Nagasawa H, Aikawa M, Shear H. Cross-reacting antigens to Pc96, a protective antigen of Plasmodium chabaudi, in P. falciparum, P. vivax, and P. cynomolgi. Am J Trop Med Hyg 1989 Jun; 40(6):579–84
Waranch HR see **Becker DM**
Ward AM see **Ramakrishnan S**
Ward D see **Garratt C**
Ward GM see **Rees L**
Ward HJ see **Sun CH**
Ward JD see **Muizelaar JP**
Ward K see **Woodman CB**
Ward P, Parry GN, Yule R, Coleman DV, Malcolm AD. Human papillomavirus subtype 16a [letter] Lancet 1989 Jul 15;2(8655):170
Ward PA see **Kennedy TP**
Ward RM, Starr NT, Snow BW, Bellinger MF, Pysher TJ, Zaino RJ. Serial renal function in an ovine model of unilateral fetal urinary tract obstruction. J Urol 1989 Aug; 142(2 Pt 2):652–6; discussion 667–8
Warden GD see **Ogle CK**
Wardlaw SL see **Cosman F**
Warfield CA see **Nation EM**
Waring E see **Conlon P**
Waring RH see **Steventon GB**
Warlitier DC see **Schmeling WT**
Warman R see **Dennehy PJ**
Warman S see **Komisar A**
Warneke J, Petrelli NJ, Herrera L. Local recurrence after sphincter-saving resection for rectal adenocarcinoma. Am J Surg 1989 Jul;158(1):3–5
Warner DS see **Westlund UJ**
Warner GL, Davies S, Scott DW. Cholera toxin-sensitive and insensitive signaling via surface Ig. J Immunol 1989 Jul 15;143(2):458–63
Warner K see **Siddique T**
Warner MA, Offord KP, Warner ME, Lennon RL, Conover MA, Jansson-Schumacher U. Role of preoperative cessation of smoking and other factors in postoperative pulmonary complications: a blinded prospective study of coronary artery bypass patients. Mayo Clin Proc 1989 Jun; 64(6):609–16
Warner ME see **Warner MA**
Warner V see **Moreau DL**
Warren JB, Dollery CT, Fuller RW, Williams VC, Gertz BJ. Assessment of MK-912, an alpha 2-adrenoceptor antagonist, with use of intravenous clonidine. Clin Pharmacol Ther 1989 Jul;46(1):103–9
Warren JR see **Martin HG**
Warren JW, Steinberg L, Hebel JR, Tenney JH. The prevalence of urethral catheterization in Maryland nursing homes. Arch Intern Med 1989 Jul;149(7):1535–7
Warshaw BL, Check IJ. IgG subclasses in children with nephrotic syndrome. Am J Clin Pathol 1989 Jul;92(1):68–72
Warshaw RH see **Kilburn KH**
Wartofsky L see **Tseng YC**
Wasserman AG, Ross AM. Patient selection for thrombolytic therapy. Am J Cardiol 1989 Jul 18;64(4):17B–21B (18 ref.)
Wasserman J see **Keeler EB**
Wasserman MA see **Rachmilewitz D**
Wasserman SS see **Kotloff KL**
Wassersug JD. It's a miracle! Postgrad Med 1989 Jul; 86(1):76–7
Watanabe AT, Carter BC, Teitelbaum GP, Seeger LL, Bradley WG Jr. Normal variations in MR imaging of the knee: appearance and frequency. AJR Am J Roentgenol 1989 Aug;153(2):341–4
Watanabe AT, Carter BC, Teitelbaum GP, Bradley WG Jr. Common pitfalls in magnetic resonance imaging of the knee. J Bone Joint Surg [Am] 1989 Jul;71(6):857–62
Watanabe G, Terasawa E. In vivo release of luteinizing hormone releasing hormone increases with puberty in the female rhesus monkey. Endocrinology 1989 Jul;125(1):92–9
Watanabe M see **Haverty TP**
Watanabe N, Kato H, Mogi G. Induction of antigen-specific IgA-forming cells in the upper respiratory mucosa. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):523–9
Watanabe N see **Komatsu R**
Watanabe S see **Takada T**
Watcha MF, Connor MT, Hing AV. Pulse oximetry in methemoglobinemia. Am J Dis Child 1989 Jul;143(7):845–7
Wathen CG see **Iredale JP**
Watkins J. Suxamethonium anaphylaxis [letter] Lancet 1989 Jul 15;2(8655):171–2
Watson AP see **Carnes SA**
Watson GM see **Bhatta KM**
Watson JD, Morrissey PJ, Namen AE, Conlon PJ, Widmer MB. Effect of IL-7 on the growth of fetal thymocytes in culture. J Immunol 1989 Aug 15;143(4):1215–22
Watson P see **Knutton S**
Watson P see **Lightman S**
Watson WJ. Management of unruptured ectopic gestation by linear salpingostomy: a prospective, randomized clinical trial of laparoscopy versus laparotomy [letter] Obstet Gynecol 1989 Aug;74(2):282–3
Watt PC see **Kenny BD**
Wattenberg LW see **Olsen GW**
Watters JM see **Desai D**
Watts GT. Handwashing and horizontal spread of viruses [letter] Lancet 1989 Jul 22;2(8656):218
Watts MS. On dismemberment of the corpus of medicine. West J Med 1989 May;150(5):578
Watts NB see **Gebhart SS**
Watts NT. Clinical decision analysis. Phys Ther 1989 Jul; 69(7):569–76
Watts TH see **St-Pierre Y**
Watts WJ. Poison oak urethritis [letter] N Engl J Med 1989 Jul 20;321(3):194
Waxman A see **Rodrigues EA**
Waxweiler RJ see **Roscoe RJ**
Way LW see **Pellegrini CA**
Waylonis GW see **Pellegrino MJ**
Weakly JN see **Goldberg ME**
Weatherby F, Moran M. Admission criteria for handicapped students. Nurs Outlook 1989 Jul-Aug;37(4):179–81
Weaver CT see **Firestein GS**
Weaver DK, Glenn GC. The urine chemistry survey—series 2. 5 years' experience with an interlaboratory comparison program. Arch Pathol Lab Med 1989 Jul;113(7):713–22
Weaver DR see **Rivkees SA**
Weaver FA, Suda RW, Stiles GM, Yellin AE. Injuries to the ascending aorta, aortic arch and great vessels. Surg Gynecol Obstet 1989 Jul;169(1):27–31
Weaver R see **Mascola L**
Weaver WD see **Kennedy JW**
Webb KS, Poulton SH, Liberman SN, Walther PJ. Rationale for immunotoxin therapy of metastatic prostate carcinoma formatted as a multi-stage delivery system. J Urol 1989 Aug;142(2):425–32
Webb WA see **Denton DR**
Webber BA, Pryor JA. Respiratory physiotherapy for cystic fibrosis [letter] J Pediatr 1989 Jul;115(1):167–8
Weber JL see **Kooh SW**
Weber MA see **Graettinger WF**
Weber RE see **Abrams JH**
Weber RS see **Blacklock JB**
Webster A, Lee CA, Cook DG, Grundy JE, Emery VC, Kernoff PB, Griffiths PD. Cytomegalovirus infection and progression towards AIDS in haemophiliacs with human immunodeficiency virus infection. Lancet 1989 Jul 8; 2(8654):63–6
Webster DJ see **Flook D**
Webster JD, Garrow JS. Weight loss in 108 obese women on a diet supplying 800 kcal/d for 21 d. Am J Clin Nutr 1989 Jul;50(1):41–5
Wechsler RL see **Schade RR**
Wedell B see **Bondeson L**
Weed LL, Zimny NJ. The problem-oriented system, problem-knowledge coupling, and clinical decision making. Phys Ther 1989 Jul;69(7):565–8
Weekes DP. Mentor-protégé relationships: a critical element in affirmative action. Nurs Outlook 1989 Jul-Aug; 37(4):156–7
Weeks CE see **Holtzman JL**
Weetman RM see **Rickard KA**
Wehr TA, Rosenthal NE. Seasonality and affective illness. Am J Psychiatry 1989 Jul;146(7):829–39 (105 ref.)
Weibull H see **Bergentz SE**
Weichselbaum RR see **Vokes EE**
Weidanz WP see **Russo DM**
Weidner N see **Davis SP**
Weidner W see **Rayburn W**
Weigelt JA see **Durham RM**
Weigle DS see **Goodner CJ**
Weil M see **Hamburger J**
Weiland JE, de los Santos ET, Mazzaferri EL, Schuller DE, Oertel JE. Hemoptysis as the presenting manifestation of thyroid carcinoma. A case report. Arch Intern Med 1989 Jul;149(7):1693–4
Weiler PG. Conversation with ... Philip G. Weiler, MD: why AIDS is becoming a geriatric problem [interview by R. L. Peck] Geriatrics 1989 Jul;44(7):81–2
Wein AJ see **Lin AT**
Wein AJ see **Pollack HM**
Wein AJ see **Schiebler ML**
Wein AJ see **Sheline M**
Weinberg G see **Loewenstein DA**
Weinberg JB. Sequential development of polycythemia vera and chronic myelocytic leukemia in a patient following radiation exposure from nuclear weapons tests. Am J Med 1989 Jul;87(1):121–3
Weinblatt M. Thrombocytopenia and pediatric patients with AIDS [letter] Pediatrics 1989 Aug;84(2):401–2
Weiner HL, Paty DW. Diagnostic and therapeutic trials in multiple sclerosis: a new look. Summary of Jekyll Island workshop. Neurology 1989 Jul;39(7):972–6
Weiner JP see **Wilson ME**
Weiner MW, Hetherington HP. The power of the proton [editorial; comment] Radiology 1989 Aug;172(2):318–20. **Comment on:** Radiology 1989 Aug;172(2):541–8
Weingarden SI, Martin C. Independent dressing after spinal cord injury: a functional time evaluation. Arch Phys Med Rehabil 1989 Jul;70(7):518–9
Weinkauff RE see **Gressler VH**
Weinmann RH 4th see **Toffel PH**
Weinraub Z see **Ron-El R**
Weinreb JC see **Seidenwurm D**
Weinstein LS see **Friedman E**
Weinstein MA see **Smith AS**
Weinstein PR see **Ciricillo SF**
Weinstein R see **Rosenfield K**
Weinstock MA, Colditz GA, Willett WC, Stampfer MJ, Bronstein BR, Mihm MC Jr, Speizer FE. Nonfamilial cutaneous melanoma incidence in women associated with sun exposure before 20 years of age. Pediatrics 1989 Aug; 84(2):199–204

Weintraub ML. Treatment of focal ischemia [letter] Neurology 1989 Jul;39(7):1000
Weir AB 3d, Herrod HG, Lester EP, Holbert J. Diffuse large-cell lymphoma of B-cell origin and deficient T-cell function in a patient with rheumatoid arthritis. Arch Intern Med 1989 Jul;149(7):1688–90
Weir MR, Weir TE. Are 'hot' ears really hot? [letter] Am J Dis Child 1989 Jul;143(7):763–4
Weir TE see **Weir MR**
Weisberg LA, Ross W. AIDS dementia complex. Characteristics of a unique aspect of HIV infection. Postgrad Med 1989 Jul;86(1):213–20 (12 ref.)
Weisfeldt ML see **Guerci AD**
Weissman IM see **Martin TW**
Weiss A see **Ramakrishna BS**
Weiss AT, Maddahi J, Shah PK, Lew AS, Swan HJ, Ganz W, Berman DS. Exercise-induced ischemia in the streptokinase-reperfused myocardium: relationship to extent of salvaged myocardium and degree of residual coronary stenosis. Am Heart J 1989 Jul;118(1):9–16
Weiss CB, Lundberg M, Hamberg P, DeHaven KE, Gillquist J. Non-operative treatment of meniscal tears. J Bone Joint Surg [Am] 1989 Jul;71(6):811–22
Weiss EA, Michael A, Yuan D. Role of transcriptional termination in the regulation of mu mRNA expression in B lymphocytes. J Immunol 1989 Aug 1;143(3):1046–52
Weiss MA see **Moulton JS**
Weiss MH see **Couldwell WT**
Weiss RM. Pityriasis rotunda [letter] Arch Dermatol 1989 Jul;125(7):1002
Weiss RM see **Rumberger JA**
Weiss ST see **O'Connor GT**
Weiss ST see **Redline S**
Weissleder R, Thrall JH. The lymphatic system: diagnostic imaging studies. Radiology 1989 Aug;172(2):315–7
Weissleder R see **Fretz CJ**
Weissler MC, Miller E, Fortune MA. Sclerosing orbital pseudotumor: a unique clinicopathologic entity. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):496–501
Weissman BA see **Donzis PB**
Weissman BM, DiScenna AO, Ekelman BL, Leigh RJ. Effect of eyelid closure and vocalization upon the vestibulo-ocular reflex during rotational testing. Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):548–50
Weissman M see **Moreau DL**
Weissmann G. DNA and the duomo: reflections on the two cultures. Hosp Pract [Off] 1989 Jul 15;24(7):121, 124, 127–8 passim
Welch KM see **Robertson WM**
Welch RB, McGann WA, Floyd T, Picetti GD 3d. Retrieval of fractured cemented femoral stems. J Bone Joint Surg [Am] 1989 Jul;71(6):918–9
Welch WR see **Cramer DW**
Wellens HJ see **Lemery R**
Wells GR see **Morton AL**
Wells JC see **Tang CM**
Wells RJ see **Santrach PJ**
Wells TJ see **Brink CA**
Welsh N see **Miller P**
Wendland MF see **Saeed M**
Wenger DR, Mauldin D, Speck G, Morgan D, Lieber RL. Corrective shoes and inserts as treatment for flexible flatfoot in infants and children. J Bone Joint Surg [Am] 1989 Jul;71(6):800–10
Wenger NK, Alpert JS. Rehabilitation of the coronary patient in 1989. Arch Intern Med 1989 Jul;149(7):1504–6
Wengert PA Jr see **Choudhury A**
Wenig BM, Harpaz N, DelBridge C. Polymorphous low-grade adenocarcinoma of seromucous glands of the nasopharynx. A report of a case and a discussion of the morphologic and immunohistochemical features. Am J Clin Pathol 1989 Jul;92(1):104–9 (15 ref.)
Wennerblom B see **Herlitz J**
Wensing G. Glipizide: an oral hypoglycemic drug. Am J Med Sci 1989 Jul;298(1):69–71 (24 ref.)
Wenstrup RJ see **Stephan MJ**
Wentz KU see **Edelman RR**
Wenz B, Lampasso JA. Eliminating unnecessary urine microscopy. Results and performance characteristics of an algorithm based on chemical reagent strip testing. Am J Clin Pathol 1989 Jul;92(1):78–81
Wenz W see **Rösle M**
Wenzel RP see **de Groote MA**
Wenzel RP see **Doebbeling BN**
Werbel GB, Nahrwold DL, Joehl RJ, Vogelzang RL, Rege RV. Percutaneous cholecystostomy in the diagnosis and treatment of acute cholecystitis in the high-risk patient. Arch Surg 1989 Jul;124(7):782–5; discussion 785–6
Werber JL see **Alleva MD**
Werlin SL see **Blank EL**
Wernecke K, Vassallo P, Peters PE, von Bassewitz DB. Mediastinal tumors: biopsy under US guidance. Radiology 1989 Aug;172(2):473–6
Werner H, Raizada MK, Mudd LM, Foyt HL, Simpson IA, Roberts CT Jr, LeRoith D. Regulation of rat brain/HepG2 glucose transporter gene expression by insulin and insulin-like growth factor-I in primary cultures of neuronal and glial cells. Endocrinology 1989 Jul;125(1):314–20
Wersto RP see **Koss LG**
Werth B see **Beglinger C**
Werth BA see **Meyer BM**
Wesley RA see **Suffredini AF**
Wesley RC Jr, Belardinelli L. Role of endogenous adenosine in postdefibrillation bradyarrhythmia and hemodynamic depression. Circulation 1989 Jul;80(1):128–37
Weslowski VB see **Andrulis DP**
Wessel HU, Benson DW Jr, Braunlin EA, Dunnigan A, Paul MH. Exercise response before and after termination of atrial tachycardia after congenital heart disease surgery. Circulation 1989 Jul;80(1):106–11
Wesson DE. Traumatology today: old dogma, new directions. Presidential address to the 5th annual meeting of the Trauma Association of Canada/L'Association Canadienne de Traumatologie. J Trauma 1989 Jun;29(6):709–15
Wesson DE see **Dykes EH**
West BC see **King JW**
West JN see **Dimmitt SB**
West KJ see **Rescorla FJ**
West RA see **Will LA**
Westaby D see **Vlavianos P**
Westbrook PR see **Triplett WW**
Westlund KN see **Childs GV**
Westlund UJ, Fridrich KL, Warner DS, Sokoll MD. An unusual anesthetic course in a patient susceptible to malignant hyperthermia. J Oral Maxillofac Surg 1989 Aug; 47(8):860–4 (31 ref.)
Weston DR see **Harris ES**
Wetherbee JN see **Chapman PD**
Wetsel WC, Negro-Vilar A. Testosterone selectively influences protein kinase-C-coupled secretion of proluteinizing hormone-releasing hormone-derived peptides. Endocrinology 1989 Jul;125(1):538–47
Wetstein L, Kirby DF. Esophageal perforation [letter] Arch Surg 1989 Jul;124(7):876
Wewers MD see **Allen JN**
Wexler L see **Ginsburg R**
Weyland A, Hanekop G, Ensink B, Hildebrandt J. Thermographic evidence for demarcation of the sympatholytic effect following intravenous regional guanethidine block (IVRGB) [letter] Anesthesiology 1989 Jul;71(1):171–2
Weynants P see **Marchandise B**
Weynants P see **van Beers B**
Whelan A see **Soden M**
White DJ see **Calne RY**
White DN see **Apfelberg DB**
White GH, White RA. Percutaneous angioscopy as adjunct to laser angioplasty in peripheral arteries [letter] Lancet 1989 Jul 8;2(8654):99
White JC see **Styrt B**
White L see **Marshall G**
White NJ see **Dance DA**
White RA see **White GH**
White SK. Caring makes the difference. Heart Lung 1989 Jul;18(4):25A–26A, 29A
Whitehill R see **Coe MR**
Whitehouse RW. Renal papillary blushes and nonionic contrast agents [letter] Radiology 1989 Aug;172(2):581
Whitehurst T. Children's allegations of sexual abuse [letter] Am J Psychiatry 1989 Jul;146(7):947
Whiteside MF see **Barnes RW**
Whitley N see **Didolkar MS**
Whitley RJ, Cobbs CG, Alford CA Jr, Soong SJ, Hirsch MS, Connor JD, Corey L, Hanley DF, Levin M, Powell DA. Diseases that mimic herpes simplex encephalitis. Diagnosis, presentation, and outcome. NIAD Collaborative Antiviral Study Group. JAMA 1989 Jul 14;262(2):234–9
Whitlock ME, Swenson TL, Ramakrishnan R, Leonard MT, Marcel YL, Milne RW, Tall AR. Monoclonal antibody inhibition of cholesteryl ester transfer protein activity in the rabbit. Effects on lipoprotein composition and high density lipoprotein cholesteryl ester metabolism. J Clin Invest 1989 Jul;84(1):129–37
Whitlow PL see **Robalino BD**
Whitman GF see **Luciano AA**
Whittaker H see **Wailoo MP**
Whittaker P, Romano T, Silver MD, Boughner DR. An improved method for detecting and quantifying cardiac muscle disarray in hypertrophic cardiomyopathy. Am Heart J 1989 Aug;118(2):341–6
Whittlesey GC see **Kundu SK**
Wholey MH, Smith JA, Godlewski P, Nagurka M. Recanalization of total arterial occlusions with the Kensey dynamic angioplasty catheter. Radiology 1989 Jul; 172(1):95–8
Whyte AM, Hourihan MD. The diagnosis of tumours involving the parapharyngeal space by computed tomography. Br J Radiol 1989 Jun;62(738):526–31
Whyte RI see **Montalescot G**
Wibel F see **Benditt DG**
Wicke KM see **Barnas GM**
Wickus GG, Pagliara AS, Caplan RH. Spurious elevation of plasma immunoreactive adrenocorticotropic hormone in cyclic Cushing's syndrome. Arch Pathol Lab Med 1989 Jul;113(7):797–9
Widén E see **Eriksson J**
Widhalm K see **Hauner H**
Widiger T see **Kass F**
Widmer MB see **Watson JD**
Wiebe ER see **Herbert CP**
Wiebe JP see **Wood PH**
Wieberdink J see **Klaase JM**
Wiedemann HP see **Mehle ME**
Wieman TJ see **Reed MW**
Wienbeck M see **Frieling T**
Wiener JI see **Siegel MJ**
Wiens RD see **Zack PM**
Wiesen E see **Yagan R**
Wiesner RH see **Grambsch PM**
Wiggins CL see **Sewell CM**
Wigley FM see **Ahearn JM Jr**
Wigley FM see **Bathon JM**
Wikman-Coffelt J see **Buser PT**
Wikoff R see **Miller P**
Wikoff RL, Miller P. Analysis of the Jalowiec Scale with cardiac patients' spouses. Nurs Res 1989 Jul-Aug; 38(4):221–2
Wilbanks JH see **Gervasi LA**
Wilbanks JH see **Meacham RB**
Wilbur AC see **Bárány M**
Wilcken DE. Mitral valve prolapse [letter] Lancet 1989 Jul 1;2(8653):48–9
Wilcox LA see **Holguin MH**
Wild G see **Jabbari M**
Wilde CM see **Utley JR**
Wilde P. Training in coronary angioplasty [letter] BMJ 1989 Apr 29;298(6681):1181
Wilder RL see **Kumkumian GK**
Wilder RL see **Lafyatis R**
Wildermann NM see **Brazer SR**
Wilensky AJ see **Kerr BM**
Wilken-Jensen C, Strøm V, Nielsen MD, Rosenkilde-Gram B. Removing a retained placenta by oxytocin—a controlled study. Am J Obstet Gynecol 1989 Jul;161(1):155–6
Wilkie F see **Loewenstein DA**
Wilkins J see **Patzakis MJ**
Wilkinson D see **Parkin A**
Wilkinson H. Dangers from methylprednisolone acetate therapy by intraspinal injection [letter] Arch Neurol 1989 Jul;46(7):721–2
Wilkinson JL see **Smith A**
Wilkinson SP see **McNulty CA**
Wilks DH, Tullock WC, Klain M. Airway obstruction caused by a kinked Hi-Lo Jet endotracheal tube during high frequency jet ventilation. Anesth Analg 1989 Jul; 69(1):982–4
Will LA, West RA. Factors influencing the stability of the sagittal split osteotomy for mandibular advancement. J Oral Maxillofac Surg 1989 Aug;47(8):813–8
Willadsen P, Riding GA, McKenna RV, Kemp DH, Tellam RL, Nielsen JN, Lahnstein J, Cobon GS, Gough JM. Immunologic control of a parasitic arthropod. Identification of a protective antigen from Boophilus microplus. J Immunol 1989 Aug 15;143(4):1346–51
Willard KE see **Connelly DP**
Willatts SM see **Kong KL**
Willerson JT, Golino P, Eidt J, Campbell WB, Buja LM. Specific platelet mediators and unstable coronary artery lesions. Experimental evidence and potential clinical implications. Circulation 1989 Jul;80(1):198–205 (42 ref.)
Willerson JT see **Eidt JF**
Willerson JT see **Stone PH**
Willett WC see **Cramer DW**
Willett WC see **Weinstock MA**
Willette-Brown J see **Ferris DK**
Williams AB see **Gartman DM**
Williams AC see **Steventon GB**
Williams AE see **Freeman MR**
Williams AL see **Breger RK**
Williams BW see **Lancashire MJ**
Williams CA see **Singh G**
Williams D see **Woodman CB**
Williams GA, Abrams GW, Mieler WF. Illuminated retinal picks for vitreous surgery. Arch Ophthalmol 1989 Jul; 107(7):1086
Williams GW see **Rudick RA**
Williams J see **Gibbs J**
Williams JB see **Kass F**
Williams JB see **Kendler KS**
Williams JB see **Spitzer RL**
Williams JG, Hughes LE. Effect of perioperative blood transfusion on recurrence of Crohn's disease. Lancet 1989 Jul 15;2(8655):131–3
Williams JH see **Newman RS**
Williams KN, Nunn JF. The oesophageal detector device. A prospective trial on 100 patients. Anaesthesia 1989 May; 44(5):412–4
Williams MH see **Kofoed L**
Williams ML, Sagebiel RW. Sunburns, melanoma, and the pediatrician. Pediatrics 1989 Aug;84(2):381–2
Williams ML see **Goldyne ME**
Williams MP, Husband JE, Heron CW, Cherryman GR, Koslin DB. Magnetic resonance imaging in recurrent carcinoma of the cervix. Br J Radiol 1989 Jun; 62(738):544–50
Williams R see **O'Grady JG**
Williams R see **Stringer MD**
Williams R see **Vlavianos P**
Williams VC see **Warren JB**
Williams WH see **McNeill GC**
Williamson JM see **Pettibone DJ**
Williamson SL see **Glasier CM**
Willis LG see **Harley JB**
Willis PW 4th see **Rowe WW**
Willis S see **Kern IB**
Willis S see **Lindsay MK**

Willman VL see **Kesler KA**
Wilms-Schopman JG see **Coronel R**
Wilson A, Passik SD, Faude J, Abrams J, Gordon E. A hierarchical model of opiate addiction. Failures of self-regulation as a central aspect of substance abuse. J Nerv Ment Dis 1989 Jul;177(7):390–9
Wilson A see **Campbell IL**
Wilson BJ, Marsh JW, Makowka L, Stieber AC, Koneru B, Todo S, Tzakis A, Gordon RD, Starzl TE. Biliary tract complications in orthotopic adult liver transplantation. Am J Surg 1989 Jul;158(1):68–70
Wilson CN see **al-Assaf AF**
Wilson DJ. Intraocular neovascularization and retinal energy metabolism [letter] Arch Ophthalmol 1989 Jul;107(7):953–4
Wilson FM see **McIlroy MA**
Wilson JD see **Anderson PJ**
Wilson K see **Gilsdorf JR**
Wilson LD. An example of hospital utilization review. West J Med 1989 Jun;150(6):718–22
Wilson ME, Weiner JP, Bender JC, Bergstrom SK, Starfield BH. Does a residents' continuity clinic provide primary care? Am J Dis Child 1989 Jul;143(7):809–12
Wilson ME, Hardin KK, Donelson JE. Expression of the major surface glycoprotein of Leishmania donovani chagasi in virulent and attenuated promastigotes. J Immunol 1989 Jul 15;143(2):678–84
Wilson MJ see **Cartsinger CR**
Wilson RA see **Mountford AP**
Wilson WH see **Mathew RJ**
Wiltrout RH see **Goey H**
Wimalaratna H see **Sachdev D**
Windeck R see **Rünzi MW**
Windom RE. Economic welfare versus social justice. South Med J 1989 Jul;82(7):818–21
Winfield AC see **Eisenberg AD**
Wingfield A, Lahar CJ, Stine EA. Age and decision strategies in running memory for speech: effects of prosody and linguistic structure. J Gerontol 1989 Jul;44(4):P106–13
Wingfield MS see **Farmer TW**
Wingo CS. Active proton secretion and potassium absorption in the rabbit outer medullary collecting duct. Functional evidence for proton-potassium-activated adenosine triphosphatase. J Clin Invest 1989 Jul;84(1):361–5
Winkler JR, Murray PA, Hammerle C. Gangrenous stomatitis in AIDS [letter] Lancet 1989 Jul 8;2(8654):108
Winkler MF, Pomp A, Caldwell MD, Albina JE. Transitional feeding: the relationship between nutritional intake and plasma protein concentrations. J Am Diet Assoc 1989 Jul; 89(7):969–70
Winn HR see **Howard MA 3d**
Winn HR see **Newell DW**
Winter FC. The control of onchocerciasis [editorial] Am J Ophthalmol 1989 Jul 15;108(1):84–5
Winter FD Jr, Snell PG, Stray-Gundersen J. Effects of 100% oxygen on performance of professional soccer players. JAMA 1989 Jul 14;262(2):227–9
Winter JS see **Moore P**
Winward KE see **Hamed LM**
Wirt DP, Brooks EG, Vaidya S, Klimpel GR, Waldmann TA, Goldblum RM. Novel T-lymphocyte population in combined immunodeficiency with features of graft-versus-host disease. N Engl J Med 1989 Aug 10; 321(6):370–4
Wirthlin L see **Hurvitz EA**
Wise BL. Intravenous urea and saline for hyponatremia [letter] J Neurosurg 1989 Aug;71(2):304–5
Wise GJ. The dental mirror in operations of the prostate. Surg Gynecol Obstet 1989 Jul;169(1):79–80
Wise HA see **Koff SA**
Wise JD see **Bogue CW**
Wisniewski G see **Masotto C**
Wisniewski HM see **Korthals JK**
Wiswell TE, Turner BS, Bley JA, Fritz DL, Hunt RE. Determinants of tracheobronchial histologic alterations during conventional mechanical ventilation. Pediatrics 1989 Aug;84(2):304–11
Wiswell TE. Management of meconium-stained neonate [letter] J Pediatr 1989 Jul;115(1):165–6
Witkin JM see **Iaffe JH**
Witte CL see **McNeill GC**
Witte MH see **McNeill GC**
Wittlich N see **Mohr-Kahaly S**
Wittliff JL see **Szende B**
Woeber KA. Adrenal apoplexy revisited. West J Med 1989 May;150(5):582–4
Wolberg WH, Tanner MA, Loh WY. Fine-needle aspiration for breast mass diagnosis. Arch Surg 1989 Jul;124(7):814–8
Woldenberg LS see **Zeiss J**
Wolf AP see **Wolkin A**
Wolf H see **Langkilde NC**
Wolf JE Jr see **Alcalay J**
Wolf M see **Castaigne AD**
Wolf ME see **Rivara FP**
Wolf SL, Minkwitz JA. Topical anesthetics: effects on the Achilles tendon and H-reflexes. I. Able-bodied subjects. Arch Phys Med Rehabil 1989 Jul;70(7):531–6
Wolfe MW see **Varner DR Jr**
Wolff AM, Hungerford DS, Krackow KA, Jacobs MA. Osteotomy of the tibial tubercle during total knee replacement. A report of twenty-six cases. J Bone Joint Surg [Am] 1989 Jul;71(6):848–52
Wolff LJ see **Brodsky MA**
Wolff MS, Herbert R, Marcus M, Rivera M, Landrigan PJ, Andrews LR. Polycyclic aromatic hydrocarbon (PAH) residues on skin in relation to air levels among roofers. Arch Environ Health 1989 May-Jun;44(3):157–63
Wolfson BJ see **Raphael SA**
Wolinsky E see **Salata RA**
Wolkin A, Barouche F, Wolf AP, Rotrosen J, Fowler JS, Shine CY, Cooper TB, Brodie JD. Dopamine blockade and clinical response: evidence for two biological subgroups of schizophrenia. Am J Psychiatry 1989 Jul;146(7):905–8
Wolkowitz OM, Breier A, Doran A, Lucas P, Kelsoe J, Paul SM, Pickar D. Alprazolam augmentation of neuroleptics in schizophrenia [letter] Am J Psychiatry 1989 Aug; 146(8):1087–8
Wollheim FA see **Akesson A**
Wollin M, Duffy PG, Diamond DA, Aguirre J, Ratta BS, Ransley PG. Priorities in urinary diversion following pyeloplasty. J Urol 1989 Aug;142(2 Pt 2):576–8; discussion 603–5
Wollin M see **Ryoo MC**
Wolman PG see **Rehn BL**
Wolner-Hanssen P see **Paavonen J**
Wolock BS, Baugher WH, McCarthy EJ. Neurilemoma of the sciatic nerve mimicking tarsal tunnel syndrome. Report of a case. J Bone Joint Surg [Am] 1989 Jul;71(6):932–4
Woloszczak W see **Vogelsang H**
Wolpert JJ, Woodard JR, Parrott TS. Pyeloplasty in the young infant. J Urol 1989 Aug;142(2 Pt 2):573–5; discussion 603–5
Wolthers BG see **Bijleveld CM**
Womack WM see **Smith MS**
Wong F, Epstein J, Millner A. Treatment of oral leukoplakia with topical bleomycin. A pilot study. Cancer 1989 Jul 15;64(2):361–5
Wong GG see **Baumann H**
Wong J see **Lai EC**
Wong KC see **Landers DF**
Wong KW see **Oum BS**
Wong WT see **Fung CF**
Wonke B see **Mok Q**
Wood BP see **Co MA**
Wood CD, Glover J, McCune M, Hendricks J, Johns M, Pollard M. The effect of intravenous nutrition on muscle mass and exercise capacity in perioperative patients. Am J Surg 1989 Jul;158(1):63–7
Wood DA. Fifty-seven years ago in Anesthesia & Analgesia. D. A. Wood: Survey of anesthesia given in 550 brain operations in the years 1921 to 1930 inclusive. Current Researches in Anesthesia and Analgesia: 1932;11:201–5. Anesth Analg 1989 Jul;69(1):880
(Wood DA), Wood DA. Fifty-seven years ago in Anesthesia & Analgesia. D. A. Wood: Survey of anesthesia given in 550 brain operations in the years 1921 to 1930 inclusive. Current Researches in Anesthesia and Analgesia: 1932;11:201–5. Anesth Analg 1989 Jul;69(1):880
Wood GS. A Venn diagram model that allows triple-label immunophenotypic analysis of cells based upon double-label measurements. Am J Clin Pathol 1989 Jul; 92(1):73–7
Wood L see **Sealy R**
Wood PH, Wiebe JP. Selective suppression of follicle-stimulating hormone secretion in anterior pituitary cells by the gonadal steroid 3 alpha-hydroxy-4-pregnen-20-one. Endocrinology 1989 Jul;125(1):41–8
Wood RF see **Murray A**
Wood RI see **Ebling FJ**
Wood RI see **Foster DL**
Wood RP see **Ness MJ**
Wood S see **Ogle CK**
Wood WJ Jr, Lotzová E. Adriamycin-induced resistance to natural killer (NK)-mediated cytotoxicity. Cancer 1989 Jul 15;64(2):396–403
Woodard JR see **Wolpert JJ**
Woodbury PW, Mitchell ME, Scheidler DM, Adams MC, Rink RC, McNulty A. Constant pressure perfusion: a method to determine obstruction in the upper urinary tract. J Urol 1989 Aug;142(2 Pt 2):632–5; discussion 667–8
Woodhouse CR, Reilly JM, Bahadur G. Sexual function and fertility in patients treated for posterior urethral valves. J Urol 1989 Aug;142(2 Pt 2):586–8; discussion 603–5
Woodhouse CR see **Reilly JM**
Woodin KA see **Kempe A**
Wooding C see **Thakker RV**
Woodland M see **Rando RF**
Woodland M see **Sedlacek TV**
Woodley DT see **McCuaig CC**
Woodman CB, Williams D, Yates M, Tomlinson K, Ward K, Luesley D. Indicators of effective cytological sampling of the uterine cervix. Lancet 1989 Jul 8;2(8654):88–90
Woods BO see **Malone MJ**
Woods GL see **Ness MJ**
Woods JE, Meland NB. Conservative management in full-thickness nipple-areolar necrosis after subcutaneous mastectomy. Plast Reconstr Surg 1989 Aug;84(2):258–64; discussion 265–6
Woods SE, Colón VF. Wilson's disease. Am Fam Physician 1989 Jul;40(1):171–8 (25 ref.)
Woodward J see **Zuccarello M**
Woody JN see **Burns JP**
Woolfenden JM see **McNeill GC**
Woolfson IK see **Moon BC**
Woollacott M see **Manchester D**
Woollett LA, Spady DK, Dietschy JM. Mechanisms by which saturated triacylglycerols elevate the plasma low density lipoprotein-cholesterol concentration in hamsters. Differential effects of fatty acid chain length. J Clin Invest 1989 Jul;84(1):119–28
Woolman P see **Higenbottam T**
Woolson ST see **Goodman SB**
Woolson ST see **Semkiw LB**
Wormser GP, Joline C. Would you eat cookies prepared by an AIDS patient? Survey reveals harmful attitudes among professionals. Postgrad Med 1989 Jul;86(1):174–5, 178, 181–3 passim
Worthington BS see **Stehling MK**
Worthington M see **Feldman M**
Wotiz HH see **Traish A**
Wozniak LM see **Lichtig LK**
Wozniak PM see **Kessler KM**
Wrenn K. Fecal impaction due to geophagia [letter] South Med J 1989 Jul;82(7):932
Wright AM see **Ginsburg R**
Wright C see **Parameshwar J**
Wright FH, Smith JL, Ames SA, Schanbacher B, Corry RJ. Function of pancreas allografts more than 1 year following transplantation. Arch Surg 1989 Jul;124(7):796–9; discussion 799–800
Wright IH see **McGrady EM**
Wright JE see **Travis RC**
Wright JE see **Wulc AE**
Wright PE, Marini JJ, Bernard GR. In vitro versus in vivo comparison of endotracheal tube airflow resistance. Am Rev Respir Dis 1989 Jul;140(1):10–6
Wright T see **Fine JD**
Wu BZ see **Brinton LA**
Wu DJ see **Onodera T**
Wu K see **Hellerstein MK**
Wu KM see **Lai EC**
Wu ST see **Buser PT**
Wulc AE, Bergin DJ, Barnes D, Scaravilli F, Wright JE, McDonald WI. Orbital optic nerve glioma in adult life. Arch Ophthalmol 1989 Jul;107(7):1013–6
Wuthiekanun V see **Dance DA**
Wüthrich K see **Boesch C**
Wylie N see **Martin RW 3d**
Wynder EL see **Zang EA**
Wynn TM see **Sawyer JA**
Wyse DG see **Mitchell LB**
Wyss M see **Halperin DL**

X

Xu YC see **Sills MN**
Xu YK see **Ng WG**

Y

Yachha S see **Bhasin D**
Yada K see **Endo M**
Yagan R, Wiesen E, Skubic S, Bellon EM. Needle localization of nonpalpable breast lesions with current dedicated mammographic systems [letter] Radiology 1989 Aug; 172(2):580–1
Yagan R see **Yazdy AM**
Yager J see **Linn LS**
Yagi M see **Choe H**
Yagi S see **Hirai T**
Yagnik P see **Siao P**
Yago N see **Kida T**
Yagoda A see **Ophir E**
Yahal I see **Schiff E**
Yamabayashi H see **Kondo T**
Yamada M see **Anzai N**
Yamada S see **Akriviadis E**
Yamada T see **Itoh H**
Yamaguchi K, Imanishi K, Maruno K, Miyake Y, Shimosato Y, Abe K. Lung cancer and autocrine growth factors. Chest 1989 Jul;96(1 Suppl):29S–31S (13 ref.)
Yamaguchi M see **Ono K**
Yamaki S, Mohri H, Haneda K, Endo M, Akimoto H. Indications for surgery based on lung biopsy in cases of ventricular septal defect and/or patent ductus arteriosus with severe pulmonary hypertension. Chest 1989 Jul; 96(1):31–9
Yamakido M see **Koano N**
Yamamoto LG see **Reddy DV**
Yamamura T see **Kusumoki M**
Yamamura Y see **Anzai N**
Yamamura Y see **Kaplan JE**
Yamamuro T see **Miki T**
Yamanoi A see **Nagasue N**
Yamasaki S see **Okabe S**
Yamashita K see **Hayakawa K**
Yamashita M see **Ohno K**
Yamashita M see **Yasuda H**
Yanaga K, Makowka L, Starzl TE. Reversal of hyperglobulinemia after orthotopic liver transplantation [letter] N Engl J Med 1989 Aug 10;321(6):399
Yanagawa N see **Sun CH**
Yanagisawa M see **Miyauchi T**
Yang BH see **Tang ZY**
Yang R see **Tang ZY**

Yang Y see **Köhrle J**
Yankaskas B see **Fredman L**
Yankaskas JR see **Cheng PW**
Yano K, MacLean CJ. The incidence and prognosis of unrecognized myocardial infarction in the Honolulu, Hawaii, Heart Program. Arch Intern Med 1989 Jul; 149(7):1528–32
Yano S see **Kataoka H**
Yao L, Lee JK. Avulsion of the posteromedial tibial plateau by the semimembranosus tendon: diagnosis with MR imaging. Radiology 1989 Aug;172(2):513–4
Yap AS, Powell EE, Yelland CE, Mortimer RH, Perry-Keene DA. Lupus anticoagulant [letter] Ann Intern Med 1989 Aug 1;111(3):262–3
Yap I, Berris B, Kang JY, Math M, Chu M, Miller D, Pollard A. Lactase deficiency in Singapore-born and Canadian-born Chinese. Dig Dis Sci 1989 Jul;34(7):1085–8
Yarbro JW see **Ringenberg QS**
Yarchoan R see **Masur H**
Yarkony GM see **Lee MY**
Yarnell JW see **Fehily AM**
Yasuda H, Sonobe M, Yamashita M, Terada M, Hatanaka I, Huitian Z, Shigeta Y. Effect of prostaglandin E1 analogue TFC 612 on diabetic neuropathy in streptozocin-induced diabetic rats. Comparison with aldose reductase inhibitor ONO 2235. Diabetes 1989 Jul; 38(7):832–8
Yasuda H see **Takada T**
Yasuda K see **Fukuoka M**
Yasuda T see **Sobue G**
Yasue H see **Oshima S**
Yasui S see **Kubota I**
Yasukawa M see **Inatsuki A**
Yates A, Russell D. A reaction to midazolam: a topical solution [letter] Anaesthesia 1989 May;44(5):449
Yates M see **Woodman CB**
Yawn BP, Yawn RA. Preterm birth prevention in a rural practice. JAMA 1989 Jul 14;262(2):230–3
Yawn RA see **Yawn BP**
Yazaki T see **Iizumi T**
Yazdy AM, Tomashefski JF Jr, Yagan R, Kleinerman J. Regional alveolar damage (RAD). A localized counterpart of diffuse alveolar damage. Am J Clin Pathol 1989 Jul; 92(1):10–5 (26 ref.)
Yazici A see **Hannan EL**
Ye TH see **Sullivan KJ**
Yee W see **Zammit G**
Yegelwel EJ, Bushnell DL, Fisher SG, Keshavarzian A. Technetium pertechnetate esophageal imaging for detection of Barrett's esophagus. Dig Dis Sci 1989 Jul; 34(7):1075–8
Yeh MN see **Timor-Tritsch IE**
Yeko TR see **Karram MM**
Yelland CE see **Yap AS**
Yellin AE see **Weaver FA**
Yeo JF see **Loh FC**
Yeoman S see **Tan PL**
Yernault JC see **Van Vooren JP**
Yersin B, Paccaud F. Alcoholism in hospitalized patients in Switzerland [letter] JAMA 1989 Aug 11;262(6):772
Yester MV see **Russell CD**
Yeston NS see **Grotz RL**
Yetter RA see **Morse HC 3d**
Yevseeva L see **Baranov A**
Yip R see **Hogue CJ**
Ymer SI, Stevenson JL, Herington AC. Differences in the developmental patterns of somatotrophic and lactogenic receptors in rabbit liver cytosol. Endocrinology 1989 Jul; 125(1):516–23
Yoder T see **Howell CD**
Yodoi J see **Bensimon C**
Yoffe N see **Bronshtein M**
Yogev R see **Arditi M**
Yokono K see **Nagata M**
Yokota M, Kyoku I, Kitano M, Shimada I, Mizuhara H, Sakamoto K, Nakano H, Hamazaki M. Atresia of the coronary sinus orifice. Fatal outcome after intraoperative division of the drainage left superior vena cava. J Thorac Cardiovasc Surg 1989 Jul;98(1):30–2
Yokota M see **Kamihara S**
Yokoyama I see **Miyata T**
Yokoyama K, Nakashima N, Takata Y, Tokuue K, Furuse M. Pictures for radiologic reports: use of a hand-held image scanner [letter] AJR Am J Roentgenol 1989 Aug;153(2):427
Yokoyama M see **Ishikawa K**
Yokoyama WM, Jacobs LB, Kanagawa O, Shevach EM, Cohen DI. A murine T lymphocyte antigen belongs to a supergene family of type II integral membrane proteins. J Immunol 1989 Aug 15;143(4):1379–86
Yoneda K see **Curtsinger CR**
Yonei Y, Guth PH. Lipoxygenase metabolites in the rat gastric microvascular response to intragastric ethanol. Gastroenterology 1989 Aug;97(2):304–12
Yonezawa K see **Nagata M**
Yoo OH, Choi HS, Cucco RA, Desmond E, Lesser M. Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome: diagnosis using minilavage samples. South Med J 1989 Jul;82(7):829–32
Yoo T, Chao J. Screening for gestational diabetes mellitus. Use and accuracy of capillary blood glucose measured with a reflectance meter. J Fam Pract 1989 Jul;29(1):41–4
York BJ see **Stone PH**
York R see **Brown LP**
Yoshida E, Sumi H, Maruyama M, Tsushima H, Matsuoka Y, Sugiki M, Mihara H. Distribution of acid stable trypsin inhibitor immunoreactivity in normal and malignant human tissues. Cancer 1989 Aug 15;64(4):860–9
Yoshida K see **Shimosato Y**
Yoshida T. WHO and PLO [letter] Lancet 1989 Jul 22; 2(8656):222
Yoshida T see **Murata T**
Yoshie N see **Ohashi T**
Yoshikawa H see **Takaoka K**
Yoshimura MI see **Davis AC**
Yoshino S see **Shoji H**
Yoshiya I see **Choe H**
Yoss EB, Berd D, Cohn JR, Peters SP. Flow cytometric evaluation of bronchoscopic washings and lavage fluid for DNA aneuploidy as an adjunct in the diagnosis of lung cancer and tumors metastatic to the lung. Chest 1989 Jul; 96(1):54–9
Yost CC see **Erramouspe J**
Young C, McMahon JE, Bowman V, Thompson D. Maternal reasons for delayed prenatal care. Nurs Res 1989 Jul-Aug; 38(4):242–3
Young HF see **Muizelaar JP**
Young HH see **Beyersdorf F**
Young JF see **Russo DM**
Young JN, Stallone RJ, Iverson LI, Ennix CL Jr, Ecker RR, May IA. Surgical management of traumatic disruption of the descending aorta. West J Med 1989 Jun;150(6):662–4
Young JW see **Dalal SA**
Young RH, Scully RE. Alveolar rhabdomyosarcoma metastatic to the ovary. A report of two cases and a discussion of the differential diagnosis of small cell malignant tumors of the ovary. Cancer 1989 Aug 15; 64(4):899–904
Young T see **Barr N**
Young TB. A case-control study of breast cancer and alcohol consumption habits. Cancer 1989 Jul 15;64(2):552–8
Young VR, Bier DM, Pellett PL. A theoretical basis for increasing current estimates of the amino acid requirements in adult man, with experimental support. Am J Clin Nutr 1989 Jul;50(1):80–92
Young WB, Heros DO, Ehrenberg BL, Hedges TR 3d. Metamorphopsia and palinopsia. Association with periodic lateralized epileptiform discharges in a patient with malignant astrocytoma. Arch Neurol 1989 Jul;46(7):820–2
Young WP see **Thurmond AS**
Younger MD see **Greene MF**
Younis LT, Byers S, Shaw L, Barth G, Goodgold H, Chaitman BR. Prognostic value of intravenous dipyridamole thallium scintigraphy after an acute myocardial ischemic event. Am J Cardiol 1989 Jul 15;64(3):161–6
Younis LT see **Deligonul U**
al Yousef S see **Ali Khan MA**
Yousem SA see **Skeens JL**
Yssel H see **Paliard X**
Yu E see **Salmon DP**
Yu HC see **Collins RJ**
Yu JY see **Chen TJ**
Yu L see **Benowitz NL**
Yu M see **Carroll WL**
Yu PL see **Rickard KA**
Yu YQ see **Tang ZY**
Yuan D see **Weiss EA**
Yuan L see **Nudelman S**
Yuan L see **Organ BC**
Yudkin P see **Dennis J**
Yuh WT, Zachar CK, Barloon TJ, Sato Y, Sickels WJ, Hawes DR. Vertebral compression fractures: distinction between benign and malignant causes with MR imaging. Radiology 1989 Jul;172(1):215–8
Yuill GM see **Thompson AJ**
Yukaya H see **Nagasue N**
Yule R see **Ward P**
Yumura-Yagi K see **Kawa-Ha K**
Yune HY. Inferior vena cava filter: search for an ideal device [editorial] Radiology 1989 Jul;172(1):15–6
Yunginger JW. Hypersensitivity to insect stings [letter] Mayo Clin Proc 1989 Jun;64(6):728–9
Yunis KA, Oh W. Effects of intravenous glucose loading on oxygen consumption, carbon dioxide production, and resting energy expenditure in infants with bronchopulmonary dysplasia. J Pediatr 1989 Jul; 115(1):127–32
Yunker RL see **Subbiah MT**
Yurawecz J. Medical or surgical complications related to the nucleus multichannel cochlear implant [letter] Ann Otol Rhinol Laryngol 1989 Jul;98(7 Pt 1):574
Yurt RW see **Madden MR**

Z

Zacarias FR see **Quinn TC**
Zach D see **Meyer BM**
Zachar CK see **Yuh WT**
Zachariah S see **Sneige N**
Zachary JF see **Tompkins MB**
Zack PM, Chaitman BR, Davis KB, Kaiser GC, Wiens RD, Ng G. Survival patterns in clinical and angiographic subsets of medically treated patients with combined proximal left anterior descending and proximal left circumflex coronary artery disease (CASS). Am Heart J 1989 Aug;118(2):220–7
Zafar A see **Ibrahim IM**
Zahm JM see **Lioté H**
Zahn S see **Stone KS**
Zahr L, Parker S, Cole J, Engler C. Follow-up of premature infants of low socioeconomic status. Nurs Res 1989 Jul-Aug;38(4):246–7
Zaino RJ see **Ward RM**
Zajko AB see **Sher L**
Zaleski A see **Olson JD**
Zaman L see **Kessler KM**
Zambello R see **Trentin L**
Zammit G, Rosenbaum A, Stokes P, Yee W. Family histories of alcoholism in depressed patients: DST and REM latency findings [letter] Am J Psychiatry 1989 Aug;146(8):1077
Zanakis MF see **Politis MJ**
Zanchetta R see **Betterle C**
Zanetti FR see **Klein R**
Zang EA, Wynder EL, Harris RE. Exposure to cigarette smoke and cervical cancer [letter] JAMA 1989 Jul 28; 262(4):499
Zanotti R see **Trentin L**
Zanussi C see **Miadonna A**
Zaontz MR see **Smith FL**
Zaret BL see **LaVeau PJ**
Zasloff MA see **Eldridge R**
Zawalich WS. Phosphoinositide hydrolysis and insulin secretion in response to glucose stimulation are impaired in isolated rat islets by prolonged exposure to the sulfonylurea tolbutamide. Endocrinology 1989 Jul; 125(1):281–6
Zeballos RJ see **Martin TW**
Zederbauer-Hylton N see **Manchester D**
Zeimer RC, Shahidi M, Mori MT, Benhamou E. In vivo evaluation of a noninvasive method to measure the retinal thickness in primates. Arch Ophthalmol 1989 Jul; 107(7):1006–9
Zeiss J, Ebraheim NA, Woldenberg LS. Magnetic resonance imaging in the diagnosis of anterior tibialis muscle herniation. Clin Orthop 1989 Jul;(244):249–53
Zeitlin GL. Possible decrease in mortality associated with anaesthesia. A comparison of two time periods in Massachusetts, USA. Closed Claims Study Committee. Anaesthesia 1989 May;44(5):432–3
Zeitlin SB see **Lane RD**
Zelasky MT see **Holman RC**
Zeltzer LK see **Dolgin MJ**
Zentilin P see **Savarino V**
Zerez CR, Lachant NA, Tanaka KR. Decreased erythrocyte phosphoribosylpyrophosphate synthetase activity and impaired formation in thalassemia minor: a mechanism for decreased adenine nucleotide content. J Lab Clin Med 1989 Jul;114(1):43–50
Zerin JM, Lebowitz RL. Catheter malposition during cystography: a cause of diagnostic errors. AJR Am J Roentgenol 1989 Aug;153(2):363–7
Zernicke RF see **Loitz BJ**
Zetter BR see **Chackal-Roy M**
Zhang M see **Chen SH**
Zhang MY see **Salmon DP**
Zhao B see **Edelman RR**
Zhou XD see **Tang ZY**
Zhu DG see **Demling RH**
Ziegler R see **Herzog A**
Ziemianski MC see **Sabates NR**
Ziessman HA see **Choe AI**
Ziessman HA see **Doppman JL**
Zigelman R see **Leider H**
Zighelboim J see **Nio Y**
Zijlstra G see **Maxson B**
Zilis JD, McCuen BW 2d, de Juan E Jr, Stefansson E, Machemer R. Results of silicone oil removal in advanced proliferative vitreoretinopathy. Am J Ophthalmol 1989 Jul 15;108(1):15–21
Zimering MB see **Friedman E**
Zimmerli WD see **Hoehn-Saric R**
Zimmerman D see **Telander RL**
Zimmerman JM see **Ong L**
Zimmerman M, Coryell W. DSM-III personality disorder diagnoses in a nonpatient sample. Demographic correlates and comorbidity. Arch Gen Psychiatry 1989 Aug; 46(8):682–9
Zimmerman RA see **Som PM**
Zimmerman RS see **Muizelaar JP**
Zimny NJ see **Weed LL**
Zini G see **Bertini G**
Zinkernagel RM see **Leist TP**
Zinman B. The physiologic replacement of insulin. An elusive goal. N Engl J Med 1989 Aug 10;321(6):363–70 (90 ref.)
Zins JE see **Grenga TE**
Zinsmeister AR see **Jack CR Jr**
Zintel A see **Bauer FE**
el-Ziny M see **Hafez M**
Zipes DP see **Stanton MS**
Zissin R, Hertz M, Apter S, Madgar I. Focal renal infarction after retroperitoneal lymph-node dissection: CT diagnosis. AJR Am J Roentgenol 1989 Aug;153(2):325–6
Zitelli JA. The bilobed flap for nasal reconstruction. Arch Dermatol 1989 Jul;125(7):957–9
Zitelli JA. Superficial destruction of giant congenital nevocytic nevi [letter] Plast Reconstr Surg 1989 Aug; 84(2):374–5
Zivelin A see **Barbash GI**

Zlatkin MB, Iannotti JP, Roberts MC, Esterhai JL, Daliaka MK, Kressel HY, Schwartz JS, Lenkinski RE. Rotator cuff tears: diagnostic performance of MR imaging.
Radiology 1989 Jul;172(1):223–9
Zogg C see **Forehand R**
Zohman LR see **Shapiro W**
Zoia MC see **Cerveri I**
Zonana H see **Appelbaum PS**
Zones JS see **Schroeder SA**
Za.-Nagy I, Kitani K, Ohta M. Age-dependence of the lateral mobility of proteins in the plasma membrane of hepatocytes of C57BL/6 mice: FRAP studies on liver smears.
J Gerontol 1989 Jul;44(4):B83–7
Zuccarello M, Marsch JT, Schmitt G, Woodward J, Anderson DK. Effect of the 21-aminosteroid U-74006F on cerebral vasospasm following subarachnoid hemorrhage.
J Neurosurg 1989 Jul;71(1):98–104
Zuckerman B see **Amaro H**
Zuckerman SH, Evans GF, Snyder YM, Roeder WD. Endotoxin-macrophage interaction: post-translational regulation of tumor necrosis factor expression.
J Immunol 1989 Aug 15;143(4):1223–7
Zuliani MF see **Mangione JA**
Zurier RB see **Santoli D**
Zurlo MG, De Stefano P, Borgna-Pignatti C, Di Palma A, Piga A, Melevendi C, Di Gregorio F, Burattini MG, Terzoli S. Survival and causes of death in thalassaemia major.
Lancet 1989 Jul 1;2(8653):27–30
Zwiauer K see **Hauner H**
Zyck K see **Groop LC**

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